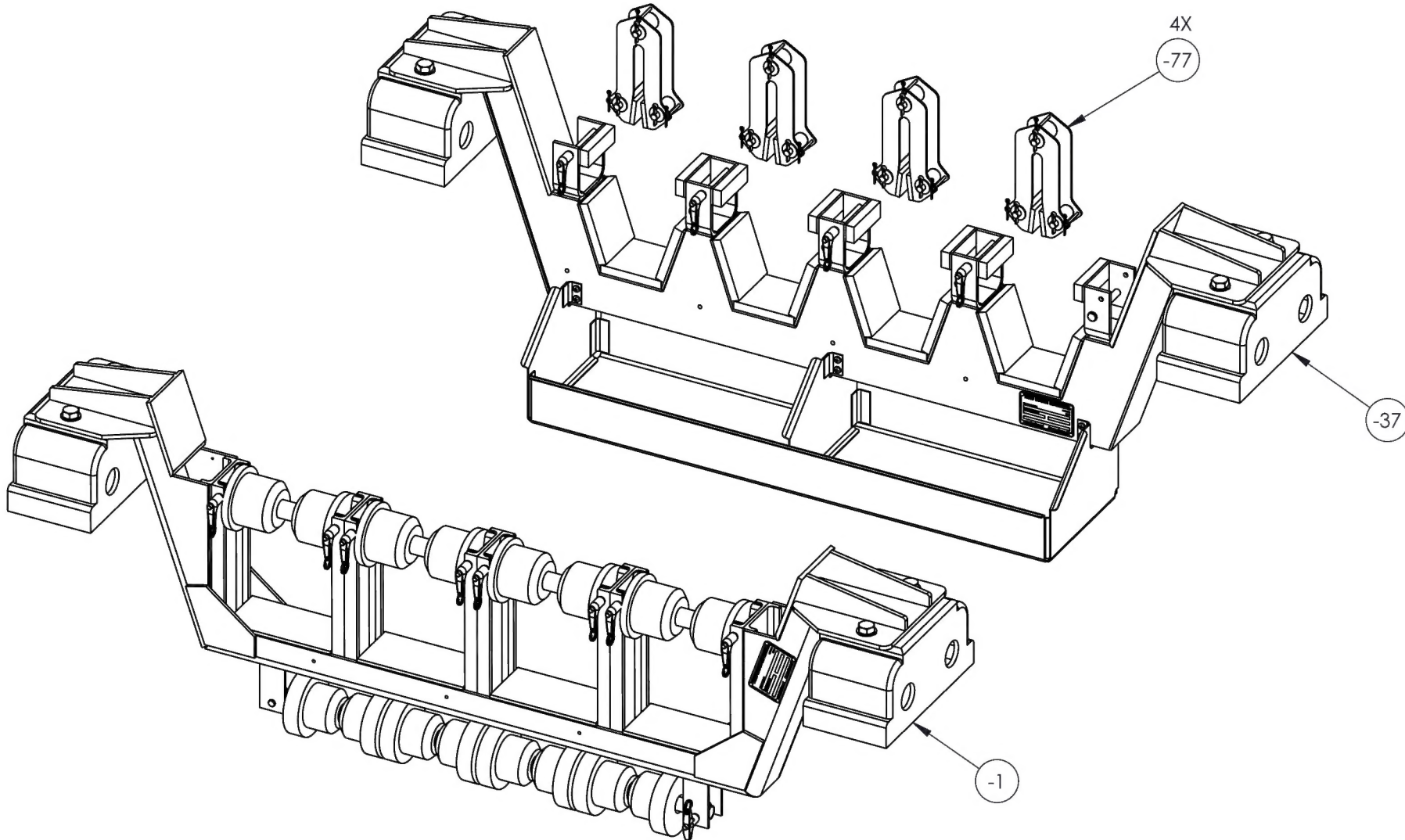



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
	REDRAWN FROM TATTERED DRAWING.	3/7/2013	BIM	
1	-55 ADDED Ø.377 AND Ø.250-.254 HOLES AND NOTE 2 TO BE DRILLED AFTER BENDING.	4/29/13	BIM	GE
2	CH'D -21 & -33 FROM BEAMS TO CHANNEL WELDMENT, ADDED CHANNEL HALFS -22, -24 & -34. -27 CH'D THICKNESS FROM .62 TO .58 TO FIT CHANNEL.	7/29/2013	JAG	DW



NOTE:
1. REF. BELL T/N T101623.


		<h1>RED BARN MACHINE</h1>	
TITLE <h2>CRADLE SET-SUPPORT, MAIN ROTOR BLADE</h2>			
DWG NO.			REV
RB T101623			2
MAT'L		DRAWN BY:	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		MARPET	
.XXX ± .005 .XX ± .01 .X ± .1		APPROVED	
FRACTIONS ± 1/32 ANGLES ± 5°		<i>D Weil</i>	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		HEAT TREAT	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		FINISH	
		SPEC	
		USED ON MODEL	
		BELL 204, 205, 212, 214	
SCALE	1:8	DATE	SHEET 1 OF 54
		2/26/2013	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

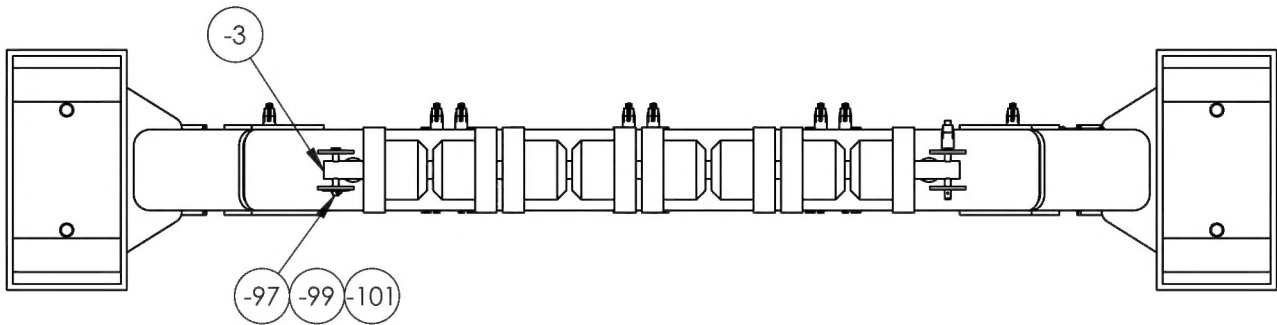
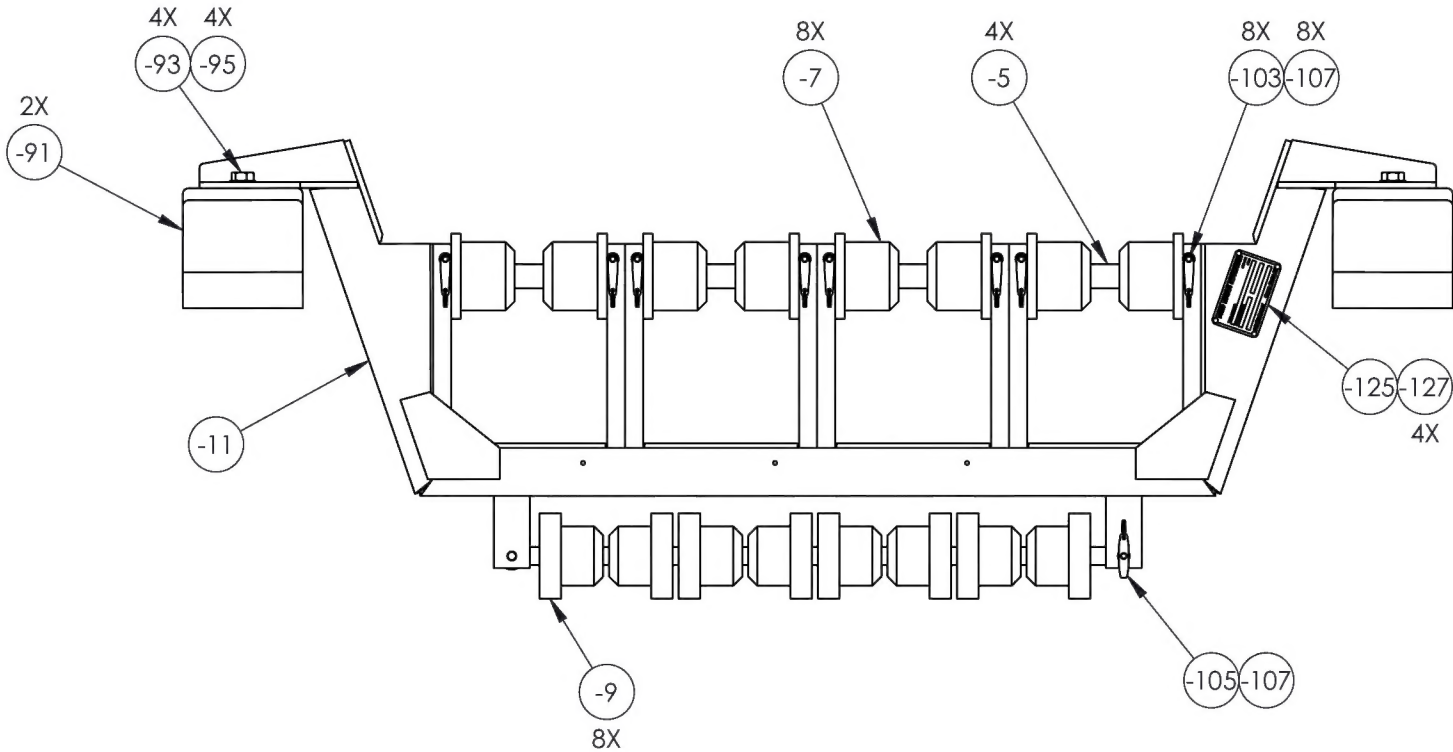
ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
									X		-1	1	CRADLE ASSEMBLY			3
									1		-3		TUBE	CRES 304	Ø3/4 X .042 WALL X 26-5/8 REF: 209-782-028-55.	4
									4		-5		PIN	CRES 3035	Ø 1 X 8 REF: 209-782-028-63	5
									8		-7		ADAPTER	POLYURETHANE	Ø4 X 2-3/4, BLACK, MCMMASTER-CARR #8695K443 REF: 209-782-029-1	6
									8		-9		ADAPTER	POLYURETHANE	Ø4 X 2-3/4, BLACK, MCMMASTER-CARR #8695K443 REF: 209-782-029-3	7
								X	1		-11		SUPPORT ASSEMBLY		REF: 209-782-028-5	8
								4			-13		DOUBLER	1018 P&O	3/16 X 4-1/4 X 3-3/4 REF: 209-782-028-17	9
				4				4			-15		STIFFENER	A36 P&O	1/4 X 1-7/8 X 6-3/4 REF: 209-782-028-21	10
				2				2			-17		ATTACH PLATE	A36 P&O	1/4 X 6-3/4 X 7-1/8 REF: 209-782-028-23	11
								2			-19		STIFFENER	1018 P&O	1/4 X 3-3/8 X 3-7/8 REF: 209-782-028-25	12
							X	2			-21		SUPPORT WELDMENT			13
							1				-22		SUPPORT	STEEL	C3 X 4.1 X 10-1/4	14
								1			-23		SUPPORT	1018 P&O	3/16 X 6-5/8 X 33-1/4 REF: 209-782-028-29	15
							1				-24		SUPPORT	STEEL	C3 X 4.1 X 10-1/4	16
								4			-25		BRACKET	1018 P&O	1/8 X 1-5/8 X 3-1/8 REF: 209-782-028-31	17
								8			-27		LOCATING STOP	1018 P&O	5/8 X 2-3/8 X 2-3/4 REF: 209-782-028-31	18
								2			-29		SUPPORT	A36 P&O	3/16 X 10 X 14 REF: 209-782-028-37	19
								4			-31		STIFFENER	1018 P&O	3/16 X 3-3/8 X 6-1/2 REF: 209-782-028-39	20
						X		3			-33		SUPPORT WELDMENT			21
						2					-34		SUPPORT	STEEL	C3 X 4.1 X 10-1/4	22
								2			-35		STIFFENER	1018 P&O	1/4 X 3-7/8 X 4-5/8 REF: 209-782-028-49	23
					X						-37	1	CRADLE ASSEMBLY		REF: 209-782-028-3	24
					8						-39		PAD	NEOPRENE RUBBER, BLACK	1/2 X 1-1/8 X 3-1/8 MCMMASTER-CARR #8463K75 REF: 209-782-028-65	25
					12						-41		PAD	NEOPRENE RUBBER, BLACK	1/2 X 3-3/8 X 3-7/8 MCMMASTER-CARR #8463K75 REF: 209-782-028-67	26
				X	1						-43		SUPPORT ASSEMBLY WELDMENT		REF: 209-782-028-7	27
				8							-45		SUPPORT	A36 P & O	1/8 X 1-1/8 X 3-1/8 REF: 209-782-028-13	28
				2							-47		CLOSURE	A36 P&O	1/8 X 3-3/8 X 13-1/4 REF: 209-782-028-15	29
				1							-49		LOWER CLOSURE	A36 P&O	1/8 X 2-3/4 X 33-3/8 REF: 209-782-028-19	30
				2							-51		GUSSET	A36 P&O	1/4 X 2-3/4 X 3-3/4 REF: 209-782-028-35	31
				1							-53A		SIDE SUPPORT	A36 P&O	3/16 X 12-5/8 X 42-1/4 REF: 209-782-028-41	32
				1							-53B		SIDE SUPPORT	A36 P&O	3/16 X 12-5/8 X 42-1/4 REF: 209-782-028-41	32
				5							-55		SUPPORT	A36 P&O	3/16 X 1-5/8 X 8-3/4 REF: 209-782-028-45	33
				2							-57		STIFFENER	A36 P&O	1/4 X 3-3/8 X 8-1/2 REF: 209-782-028-47	34
				4							-59		STIFFENER	A36 P&O	1/8 X 3-3/8 X 4 REF: 209-782-028-51	35
				8							-61		STIFFENER	A36 P&O	1/8 X 3-3/8 X 4-1/4 REF: 209-782-028-53	36
			X		1						-63		STRAP STOWAGE ASSY.		REF: 209-782-028-11	37
			2								-65		FRAME	A36 P&O	16 GA X 7-1/8 X 8-3/8 REF: 209-782-028-69	38
			1								-67		FRAME	A36 P&O	16 GA X 7-1/8 X 8-3/8 REF: 209-782-028-70	39
			3								-69		CLIP	A36 P&O	16 GA X 2-5/8 X 2-5/8 REF: 209-782-028-71	40
			3								-71		CLIP	A36 P&O	16 GA X 1-1/2 X 2-1/8 REF: 209-782-028-73	41
			3								-73		CLIP	A36 P&O	16 GA X 1-3/8 X 1-1/2 REF: 209-782-028-75	42
			1								-75		SKIN	A36 P&O	16 GA X 16-5/8 X 31-1/8 REF: 209-782-028-77	43
		X									-77	4	CHOCK		REF: 209-782-030	44
		1									-79		ROLLER	CRES 3032	Ø1 X 1-3/8 REF: 209-782-028-57	45
		2									-81		ROLLER	CRES 3035	Ø3/4 X 1-3/8 REF: 209-782-028-59	46
		2									-83		PAD	POLYURETHANE, BLACK	1/4 X 1-5/8 X 1-5/8 MCMMASTER-CARR # 8927K63 REF: 209-782-028-61	47
		X	1								-85		CHOCK WELDMENT			48
		1									-87		BASE	HR P & O	12 GA X 1-3/8 X 10-3/4 REF: 209-782-030	49
		2									-89		PLATE	HR P & O	12 GA. X 4 X 6-7/8 REF: 209-782-030	50
					2				2	B/O	-91		ROLLER ADAPTER		VAL ROLLERS #AM3885	3&24
					4				4	B/O	-93		HEX HEAD CAP SCREW	STEEL	9/16-18 X 1 MCMMASTER-CARR #92620A778	3&24
ASSY -135	ASSY -133	ASSY -85	ASSY -77	ASSY -63	ASSY -43	ASSY -37	ASSY -33	ASSY -21	ASSY -11	ASSY -1	B/O					

ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
						4				4	B/O	-95		FLAT WASHER	STEEL	Ø9/16 MCMaster-CARR #95229A580	3&24
										1	B/O	-97		CLEVIS PIN	STEEL	Ø1/4 X 1-11/16 MCMaster-CARR #97245A252	3
										1	B/O	-99		FLAT WASHER	STEEL	Ø1/4 MCMaster-CARR #95229A920	3
										1	B/O	-101		COTTER PIN	STEEL	Ø1/16 X 3/4 MCMaster-CARR #98355A020	3
						4				8	B/O	-103		QUICK RELEASE PIN	S.S. SHAFT	Ø1/4 X 3 PIN MCMaster-CARR # 9030A116	3&24
										1	B/O	-105		BALL LOCK PIN	S.S. SHAFT	Ø1/4 X 1-3/4 MCMaster-CARR #90293A139	3
						4				9	B/O	-107		LANYARD	COATED S.S.	Ø1/16 X 12in. LOOP MCMaster-CARR #30345T24	3&24
						4					B/O	-109		CLEVIS PIN	STEEL	Ø3/8 X 3-1/2 MCMaster-CARR #97245A367	24
						4					B/O	-111		FLAT WASHER	STEEL	Ø3/8 MCMaster-CARR #95229A940	24
			3			4					B/O	-113		COTTER PIN	STEEL	Ø1/8 X 3/4 MCMaster-CARR #98338A473	24&44
			3								B/O	-115		CLEVIS PIN	STEEL	Ø1/8 X 1-9/32 AIRCRAFT SPRUCE #AN392-1C-41	44
			3								B/O	-117		FLAT WASHER	STEEL	Ø#4 MCMaster-CARR #98032A421	44
			3								B/O	-119		COTTER PIN	STEEL	Ø1/16 X 1/2 MCMaster-CARR #98338A100	44
			3								B/O	-121		CLEVIS PIN	STEEL	Ø3/8 X 1-7/8 MCMaster-CARR #97245A344	44
			3								B/O	-123		FLAT WASHER	STEEL	Ø5/16 MCMaster-CARR #98032A505	44
						1				1	B/O	-125		RED BARN PLACARD	ALUMINUM	RB41009	3&24
						4				4	B/O	-127		DRIVE SCREW	STEEL	AIRCRAFT SPRUCE #AN535-4-4	3&24
						10					B/O	-129		PAN HEAD PHILLIPS MACHINE SCREW	STEEL	10-32 X 3/8 MCMaster-CARR #96880A513	24
			3								B/O	-131		BUSHING	OILITE	.375 ID .503 OD X 1.25 MCMaster-CARR # 2868T75	44
	X										B/O	-133	4	STRAP ASSY			51
X	1										B/O	-135	4	BUCKLE ASSY			52
1												-137		SHORT STRAP	NYLON WEBBING	1 X 12" KINEDYNE #FE129A(MODIFIED)	53
	1											-139		LONG STRAP	NYLON WEBBING	1 X 80" KINEDYNE #FE129A(MODIFIED)	54
1											B/O	-141		BUCKLE	ALUMINUM	1" CAM BUCKLE KINEDYNE #31104(NSN5430008508060)	52
ASSY -135	ASSY -133	ASSY -85	ASSY -77	ASSY -63	ASSY -43	ASSY -37	ASSY -33	ASSY -21	ASSY -11	ASSY -1							

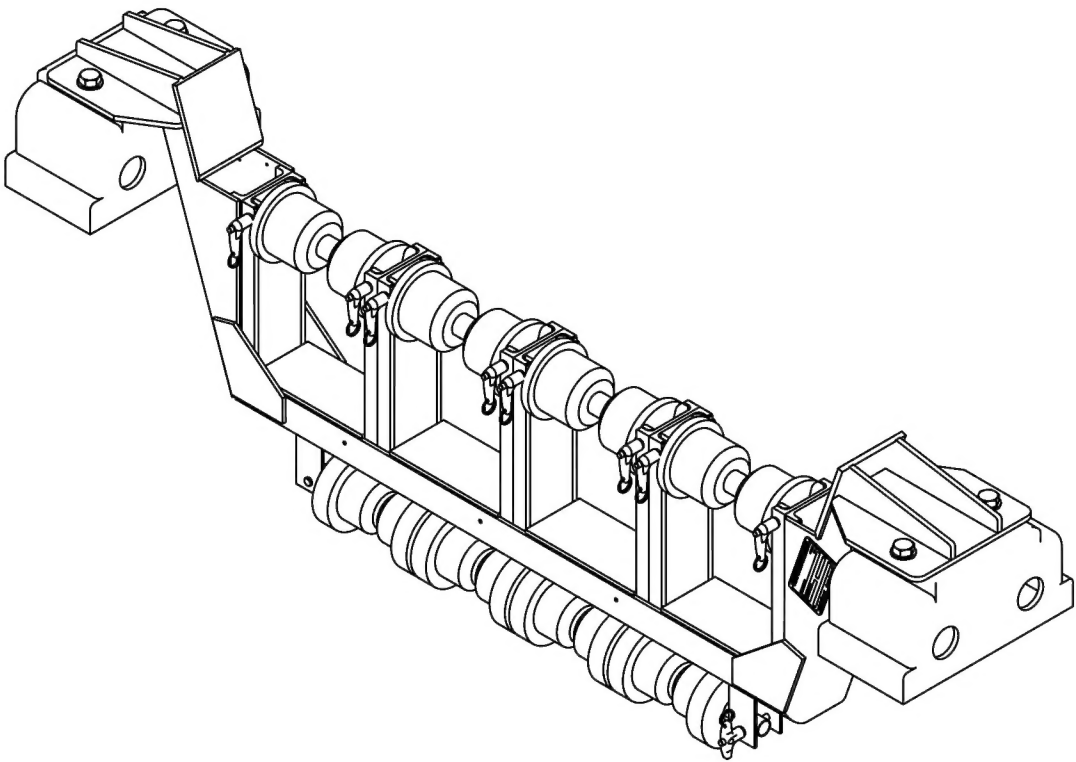
 <h1>RED BARN MACHINE</h1>	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO.	REV 2
MAT'L	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weir</i>
.XXX \pm .005 FRACTIONS \pm 1/32 .XX \pm .01 HEAT TREAT .X \pm .1 ANGLES \pm 5° FINISH	SPEC
1. BREAK ALL SHARP EDGES .015 x .45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:8	DATE 2/26/2013
SHEET 2 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
APPROVED			



-1
CRADLE ASSEMBLY

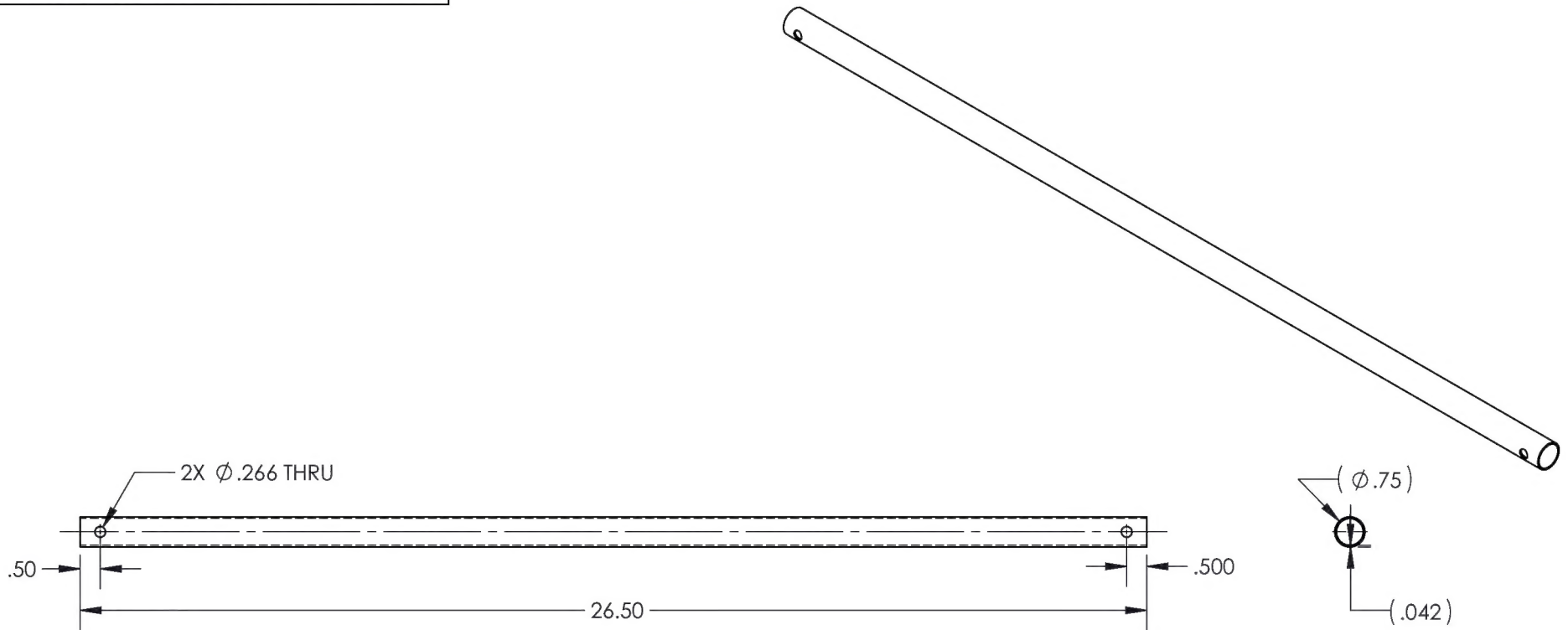


NOTE:
1. REF. BELL T/N T101623.

RED BARN MACHINE			
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE			
DWG NO. RB T101623-1			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ±.5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212, 214	
SCALE 1:8	DATE 2/26/2013	SHEET 3 OF 54	



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



NOTE:
1. REF. BELL P/N: 209-782-028-55.

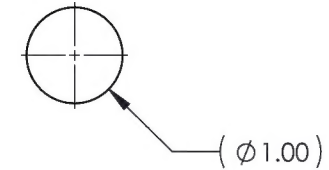
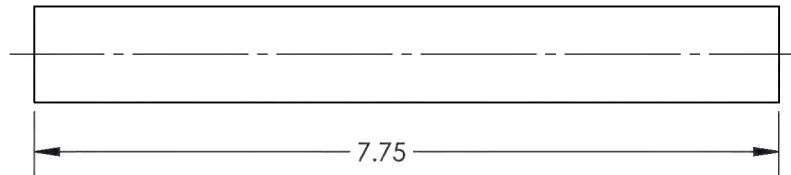
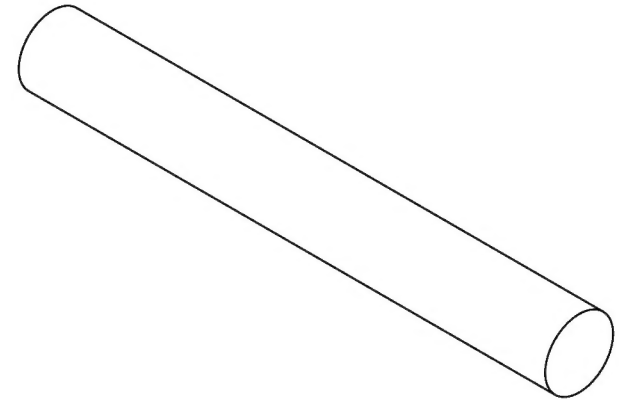
(-3)
TUBE

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-3	REV 2
MAT'L CRES 304	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 FRACTIONS \pm 1/32 .XX \pm .01 ANGLES \pm 5° .X \pm .1	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:4	DATE 2/21/2013
SHEET 4 OF 54	

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REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
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NOTE:

1. REF. BELL P/N: 209-782-028-63.

⑤

PIN



RED BARN MACHINE

TITLE
CRADLE SET- SUPPORT, MAIN ROTOR BLADE

DWG NO. RB T101623-5 REV 2

MAT'L CRES 3035 DRAWN BY: MARPET

UNLESS OTHERWISE SPECIFIED APPROVED *D Weil*

DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/32

.XX ± .01 ANGLES ± 5°

.X ± .1

1. BREAK ALL SHARP EDGES .015 x 45°

OR .015R

2. DIMENSIONAL LIMITS APPLY AFTER

PLATING

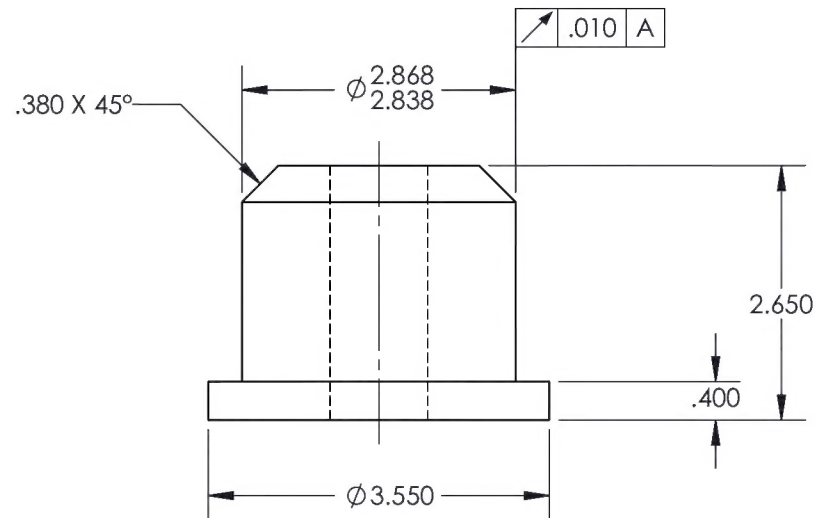
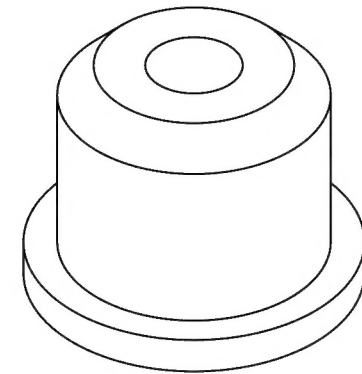
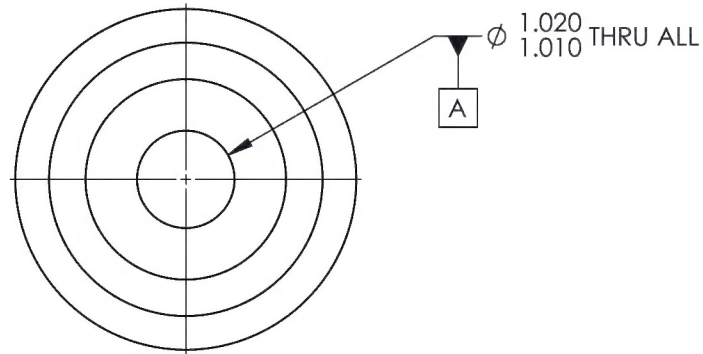
USED ON MODEL

BELL 204, 205, 212, 214

SCALE 1:1 DATE 2/20/2013 SHEET 5 OF 54



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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



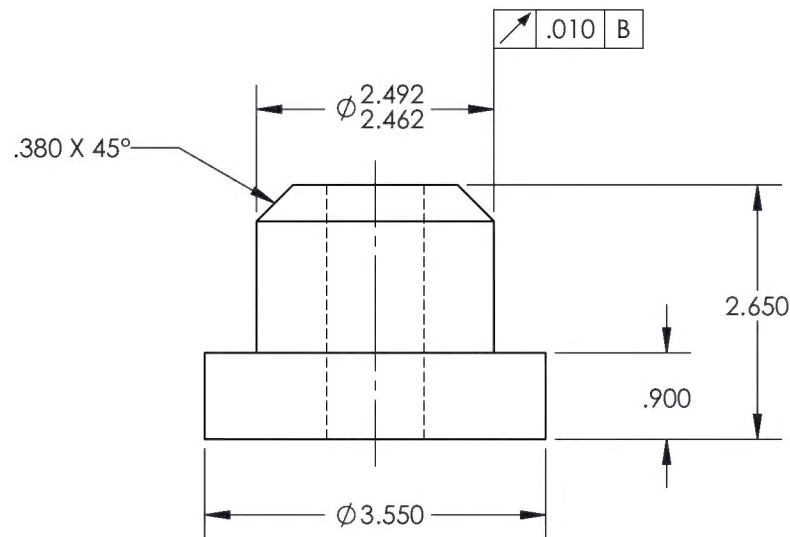
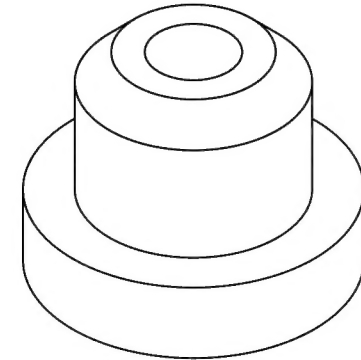
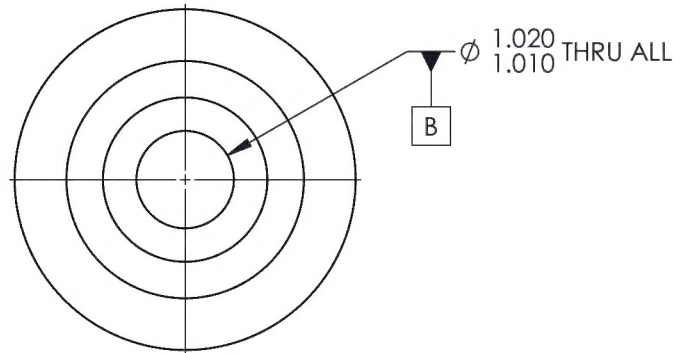
(-7)
ADAPTER

NOTE:
REF: BELL P/N 209-782-029-1.

 RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T1201623-7	REV 2
MAT'L POLYURETHANE	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/21/2013
SHEET 6 OF 54	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



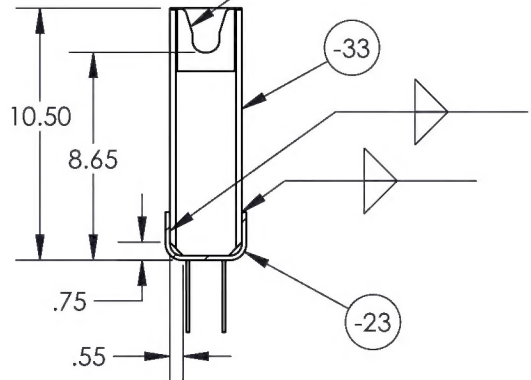
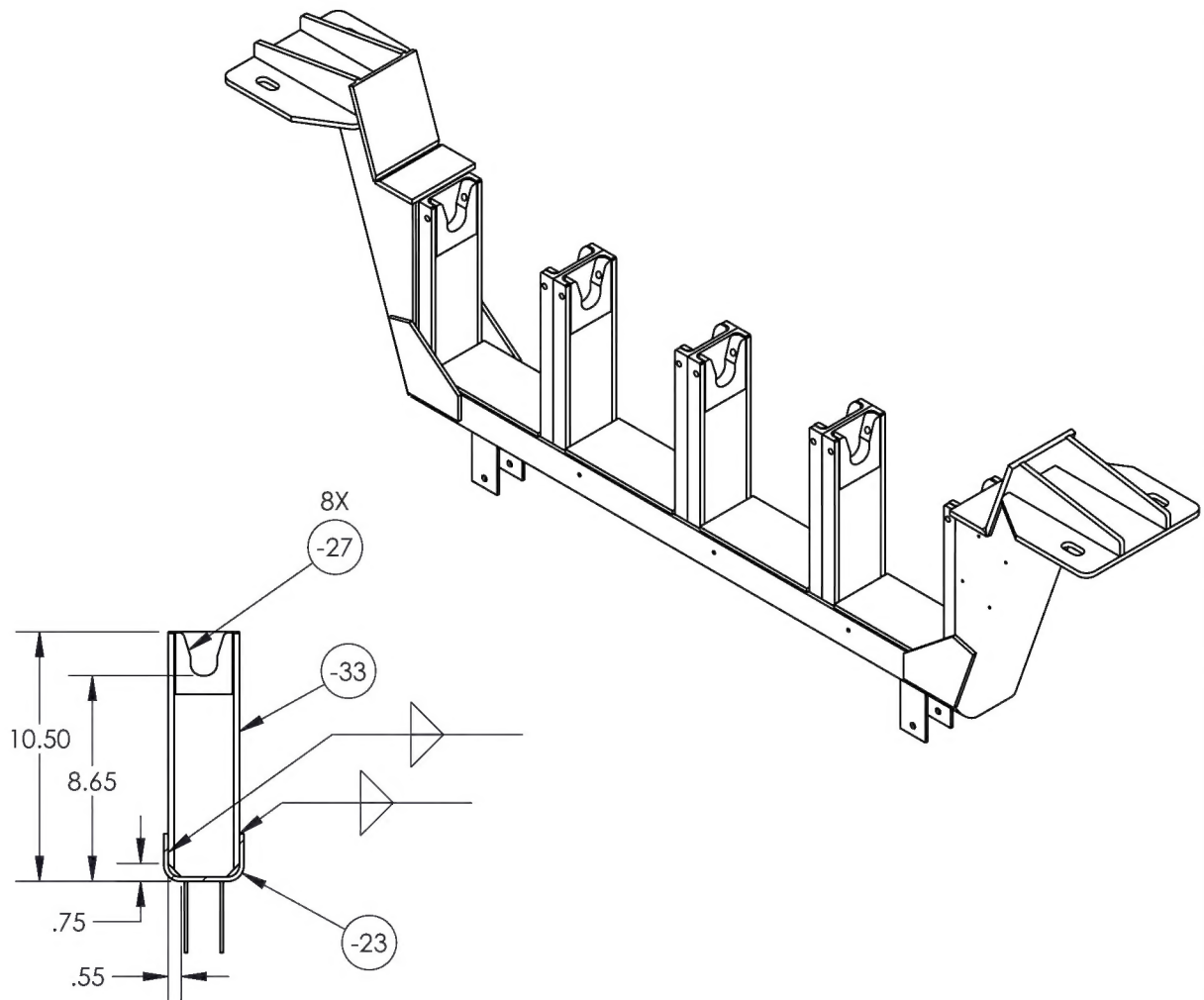
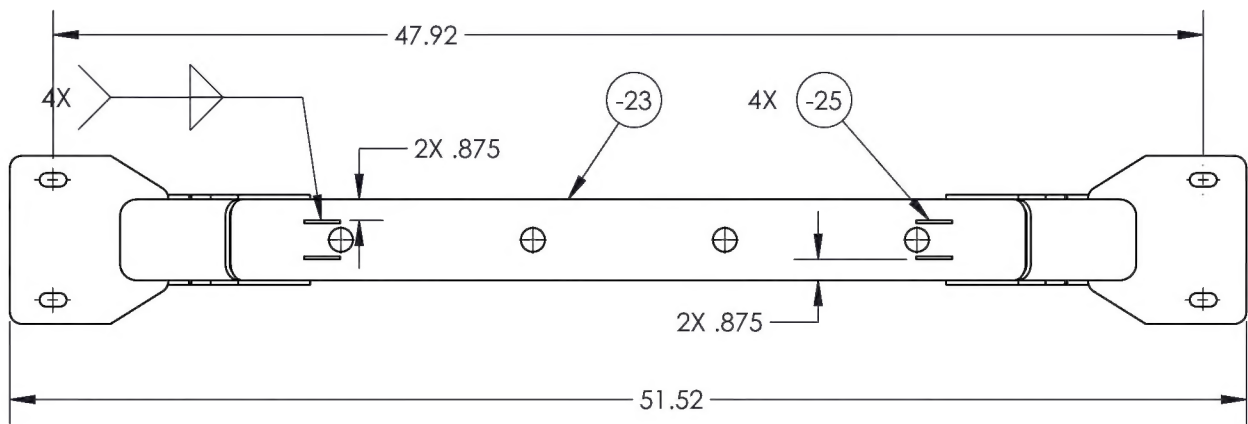
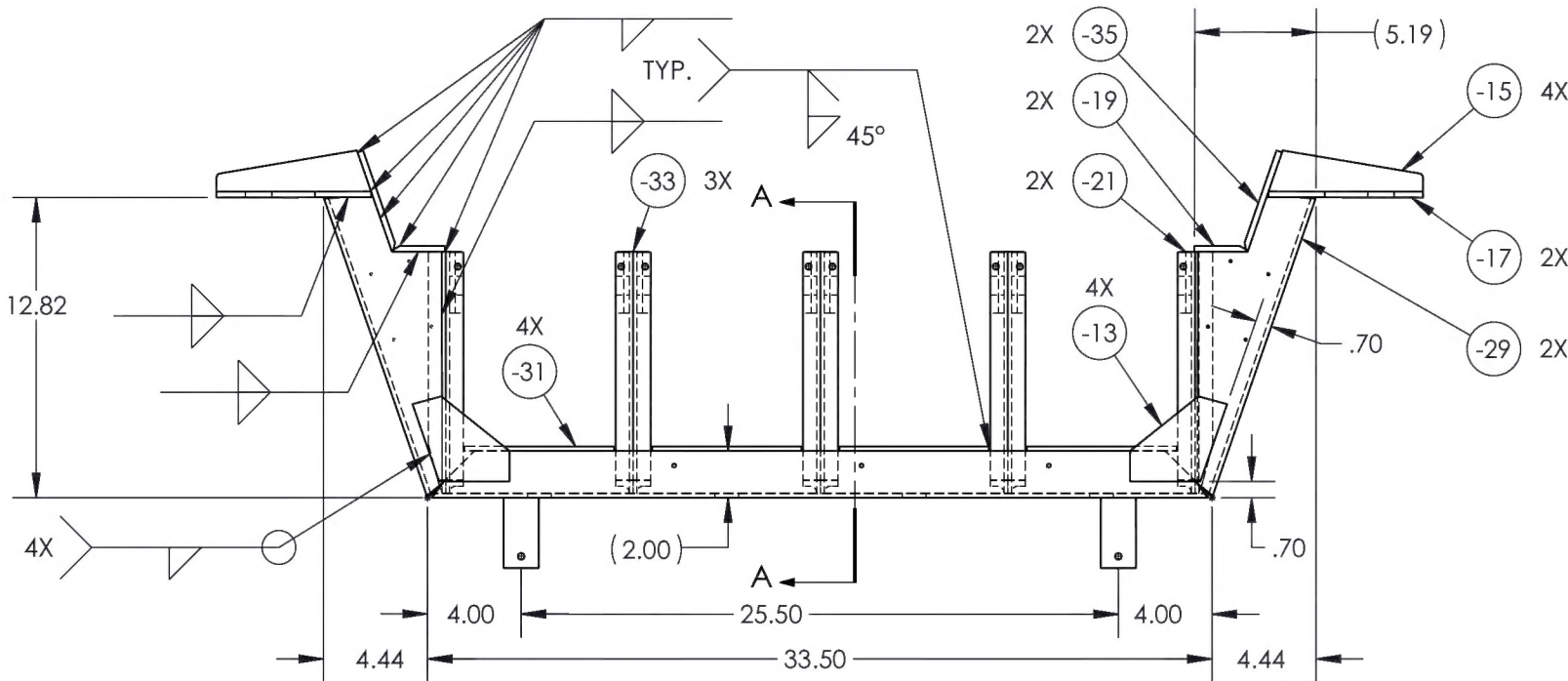
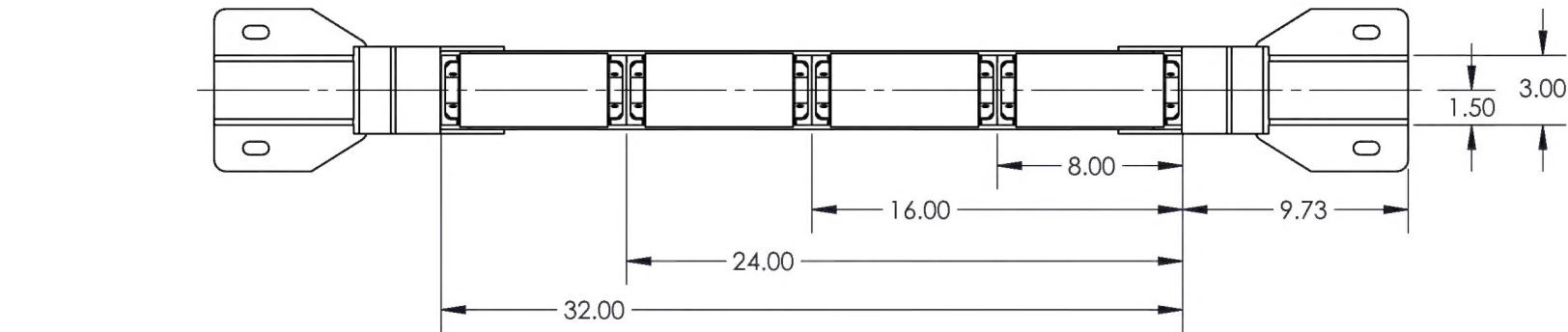
⑨
ADAPTER

NOTE:
REF: BEL P/N 209-782-029-3.

 RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-9	REV 2
MAT'L POLYURETHANE	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/21/2013
SHEET 7 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
APPROVED			



SECTION A-A

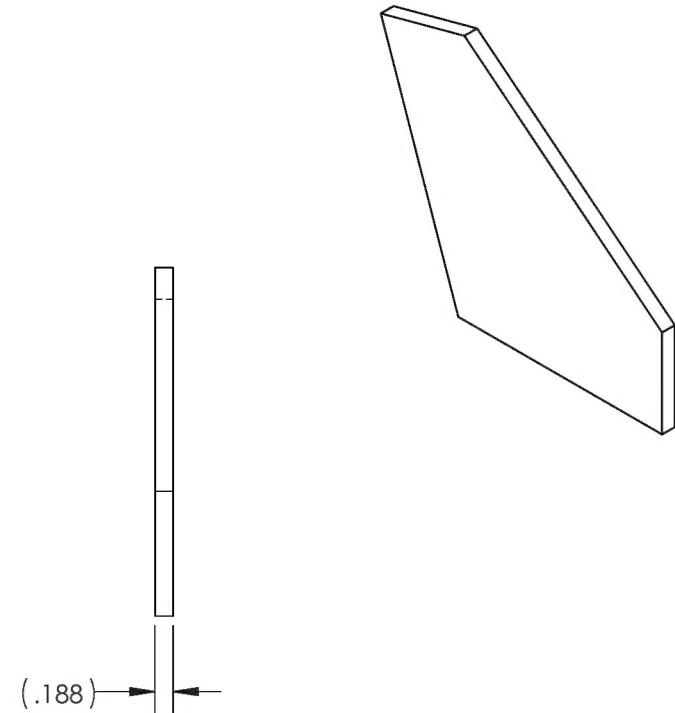
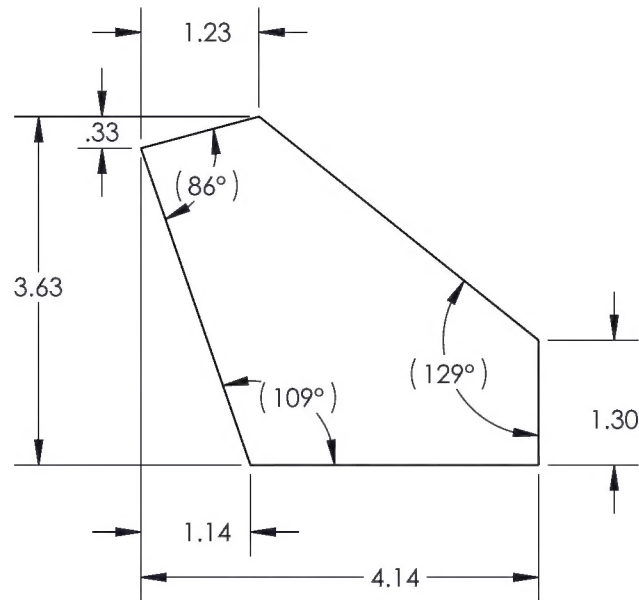
(-11)
SUPPORT ASSEMBLY

NOTES:
1. REF: BELL P/N: 209-782-028-5.
2. HIDDEN LINES REMOVED FOR CLARITY.

RED BARN MACHINE	
TITLE CRADLE SET - SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-11	
REV 2	
MAT'L	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH POWDER COAT YELLOW
.X ± .1	SPEC FED #13538
1. BREAK ALL SHARP EDGES .015 x 45°	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:8	DATE 2/22/2013
SHEET 8 OF 54	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



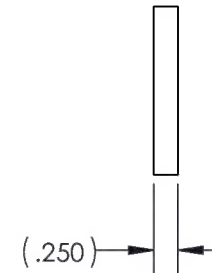
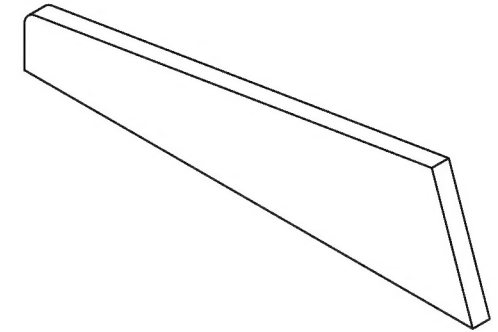
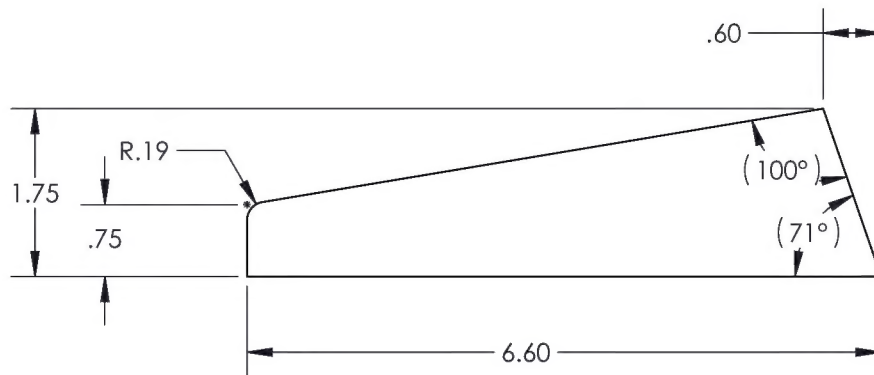
(-13)
DOUBLER

NOTE
REF: BELL T/N 209-782-028-17.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-13	REV 2
MAT'L 1018 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -11 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 9 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



NOTE
REF: BELL T/N 209-782-028-21.

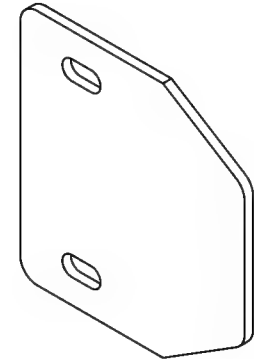
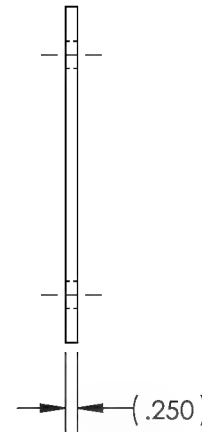
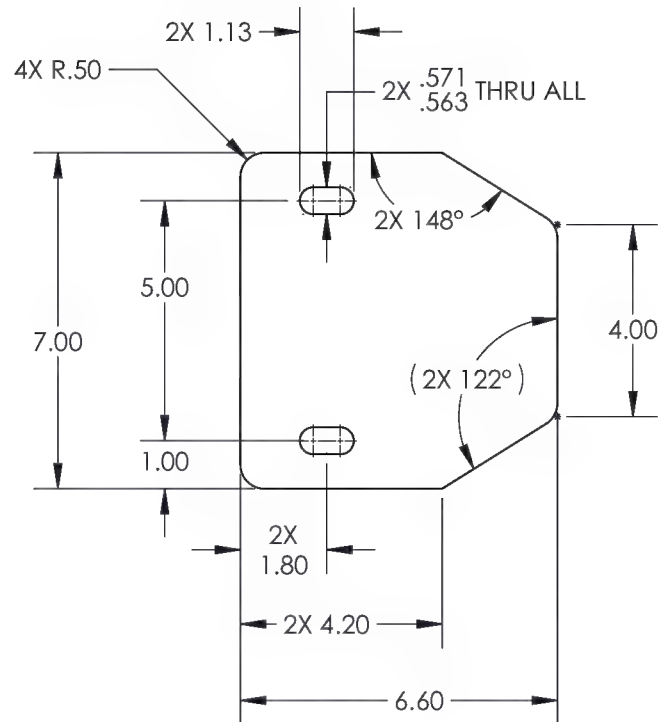
(-15)

STIFFENER

RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-15	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -11 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 10 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CH'D HOLES INTO SLOTS	7/29/2013	JAG	



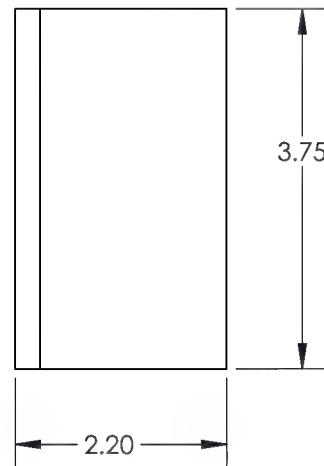
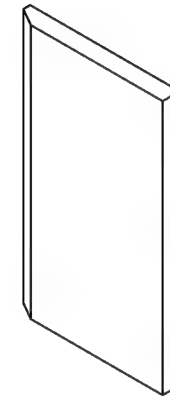
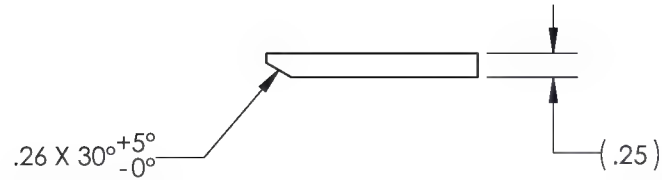
NOTE
REF: BELL T/N 209-782-028-23.

-17
ATTACH PLATE

RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-17	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -11 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:4	DATE 2/20/2013
SHEET 11 OF 54	



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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



(-19)
STIFFENER

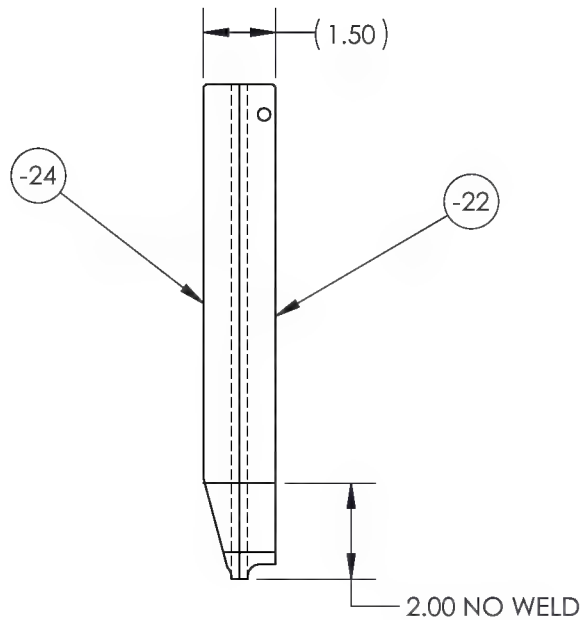
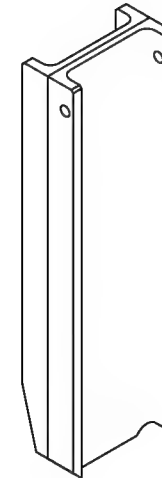
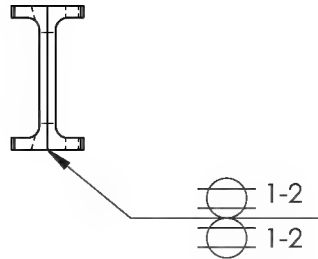
NOTE
REF: BELL T/N 209-782-028-25.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-19	REV 2
MAT'L 1018 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	APPROVED  HEAT TREAT FINISH SEE -11 WELDMENT SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 12 OF 54	

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REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED FROM BEAM TO CHANNEL	7/29/2013	JAG	



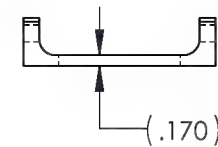
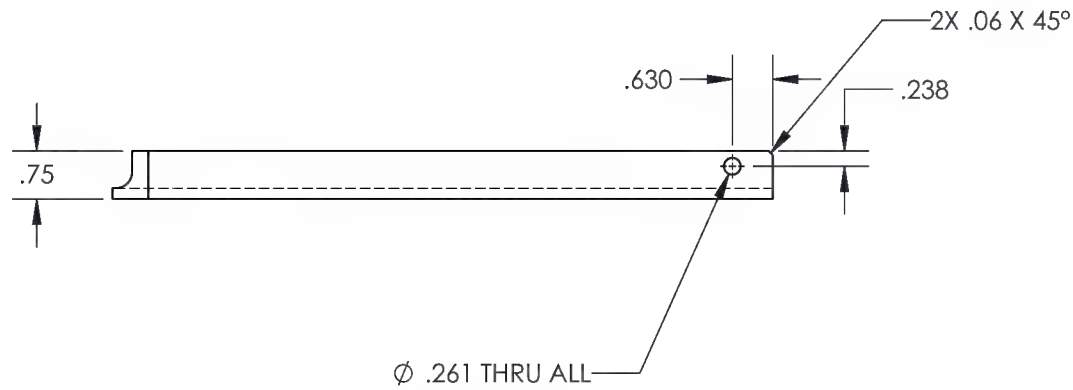
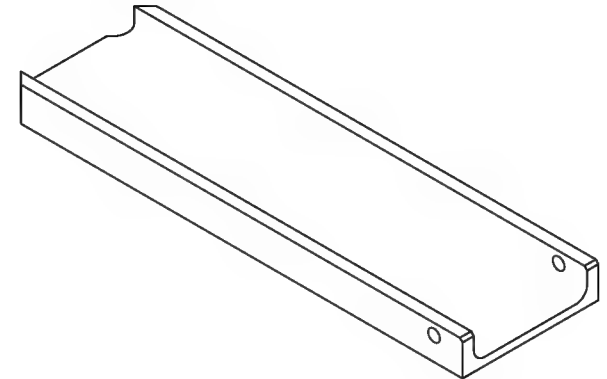
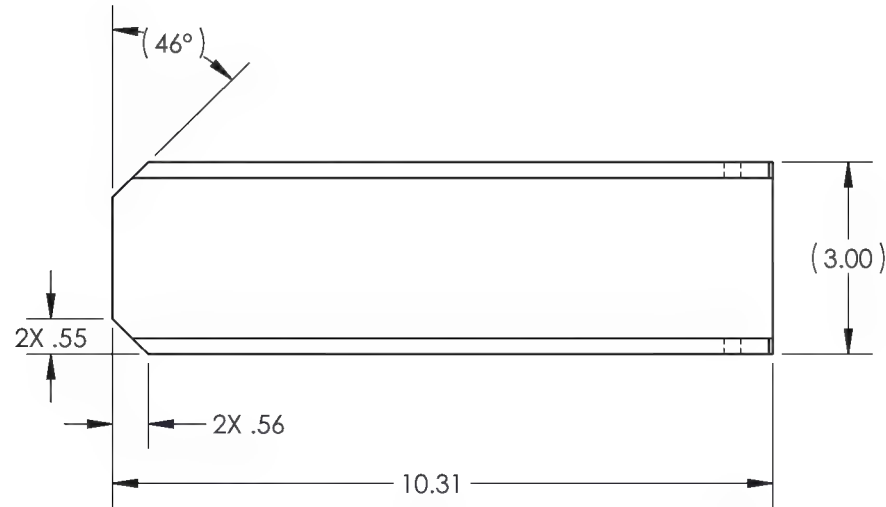
NOTE
REF: BELL T/N 209-782-028-27.

(21)
SUPPORT WELDMENT

 RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-21	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:4	DATE 7/26/2013
SHEET 13 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED -21 FROM BEAM TO CHANNEL, HOLE FROM Ø.281 TO Ø.261	7/29/2013	JAG	DW



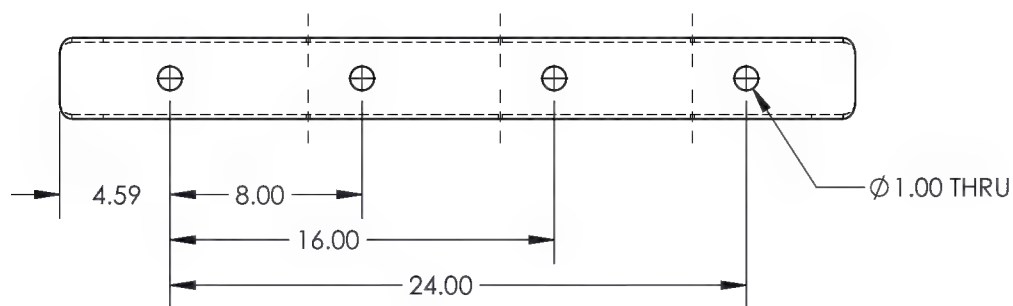
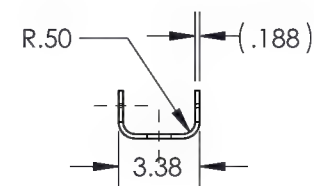
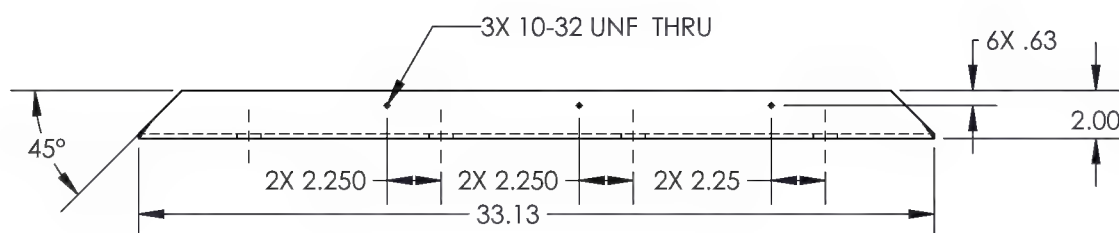
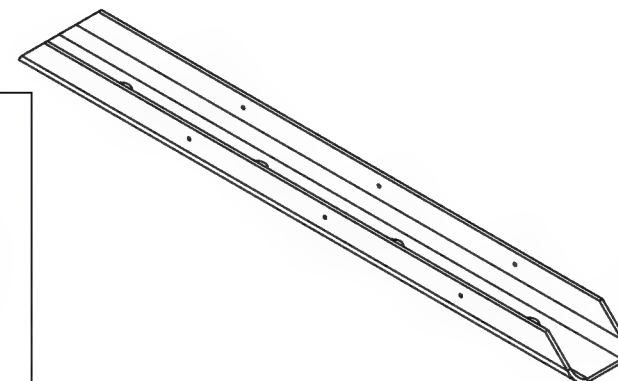
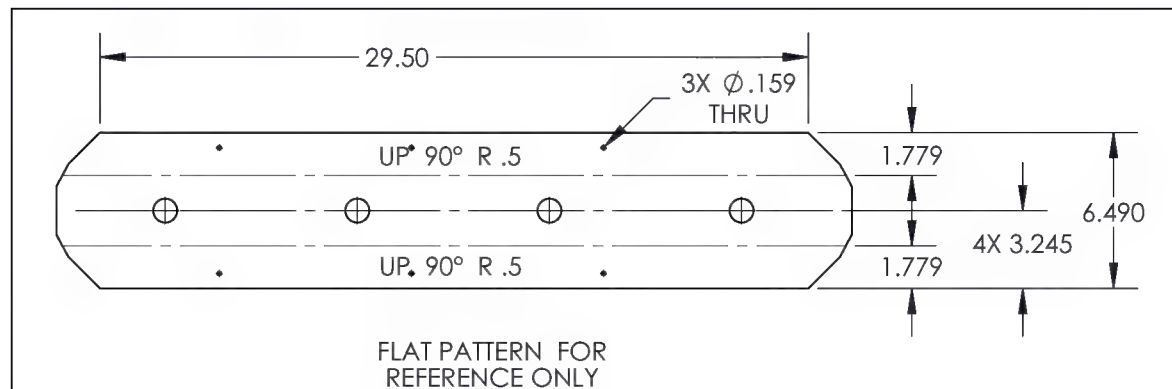
(-22)

SUPPORT

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-22	REV 2
MAT'L STEEL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:3	DATE 7/26/2013
SHEET 14 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



(-23)

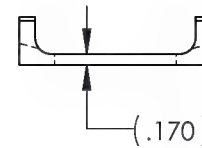
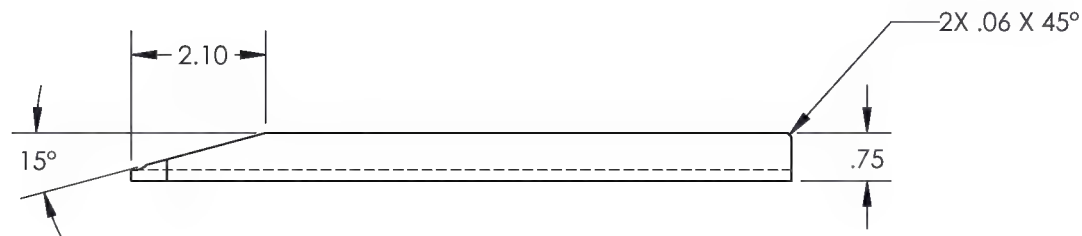
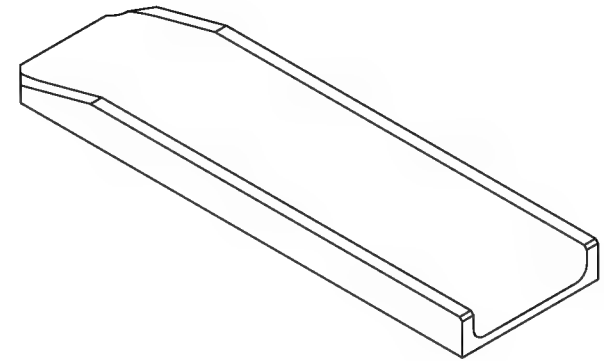
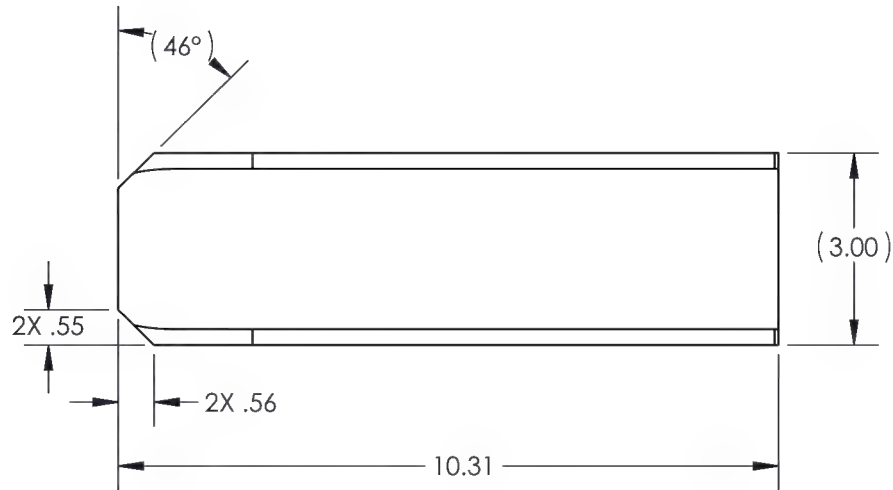
SUPPORT

NOTE
REF: BELL T/N 209-782-028-29.

RED BARN MACHINE			
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE			
DWG NO. RB T101623-23		REV 2	
MAT'L 1018 P&O		DRAWN BY: MARPET	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 .XX \pm .01 .X \pm .1		APPROVED 	
FRACTIONS \pm 1/32 ANGLES \pm 5°		HEAT TREAT SEE -11 WELDMENT	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SPEC USED ON MODEL BELL 204, 205, 212, 214	
SCALE 1:8	DATE 2/19/2013	SHEET 15 OF 54	



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED -21 FROM BEAM TO CHANNEL	7/29/2013	JAG	DW



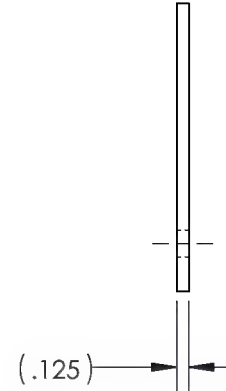
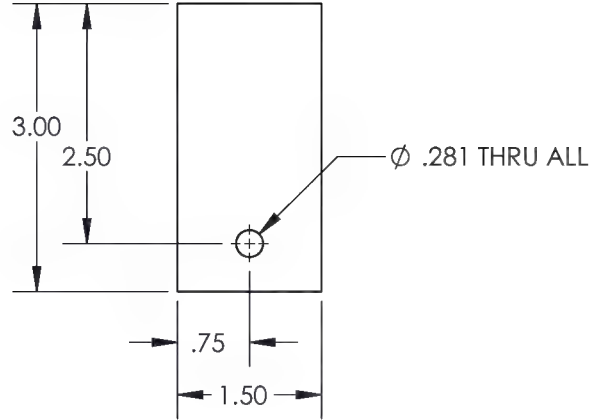
(-24)

SUPPORT

 RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-24	REV 2
MAT'L STEEL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:3	DATE 7/26/2013
SHEET 16 OF 54	



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



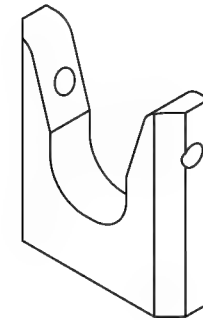
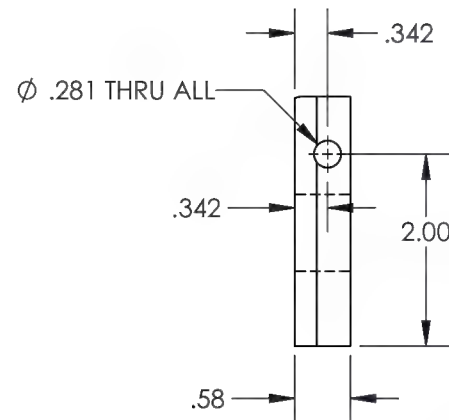
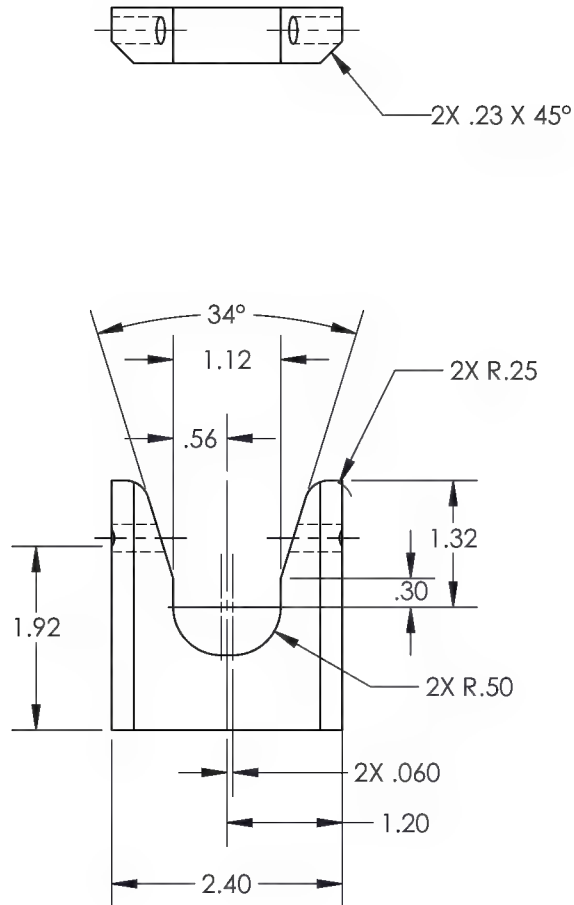
(-25)
BRACKET

NOTE
REF: BELL T/N 209-782-028-31.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-25	REV 2
MAT'L 1018 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT FINISH SEE -11 WELDMENT SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 17 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CH'D THICKNESS FROM .62 TO .58 TO FIT CHANEL.	2/18/2014	JAG	DW



NOTE
REF: BELL T/N209-782-028-31.

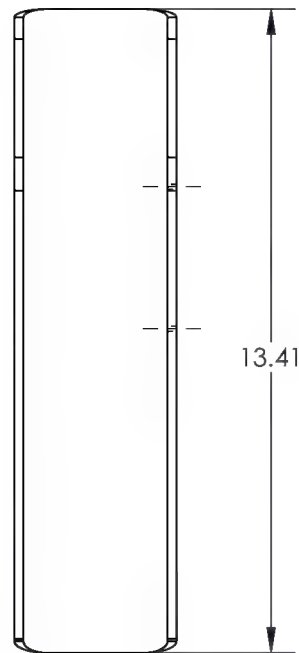
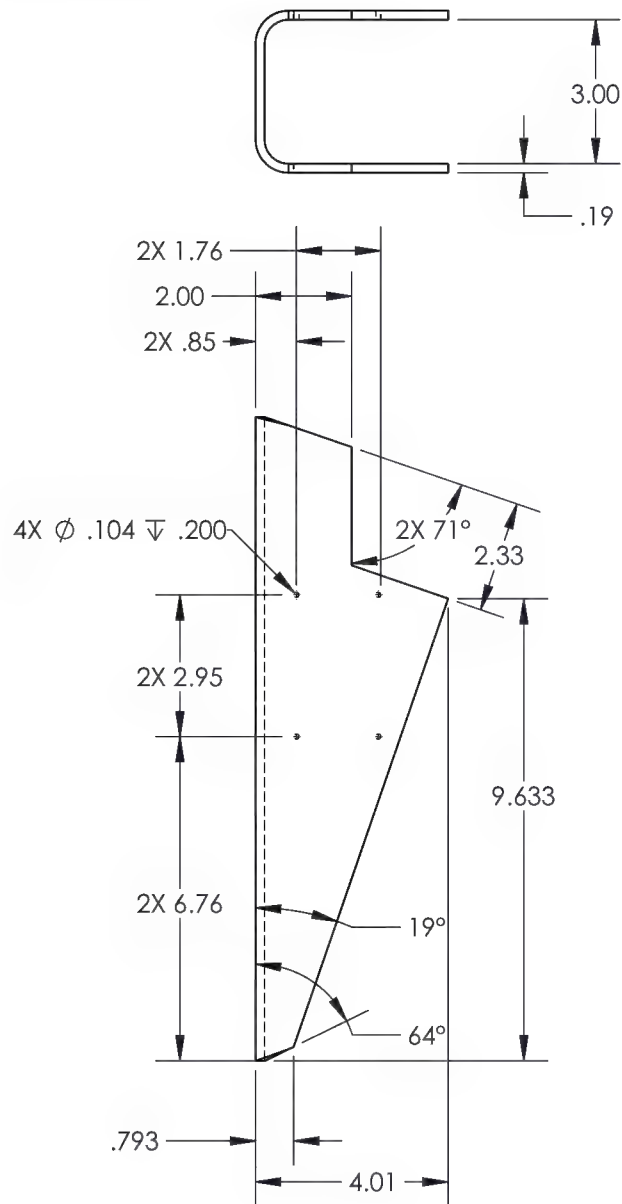
(-27)

LOCATING STOP

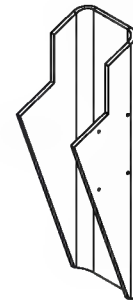
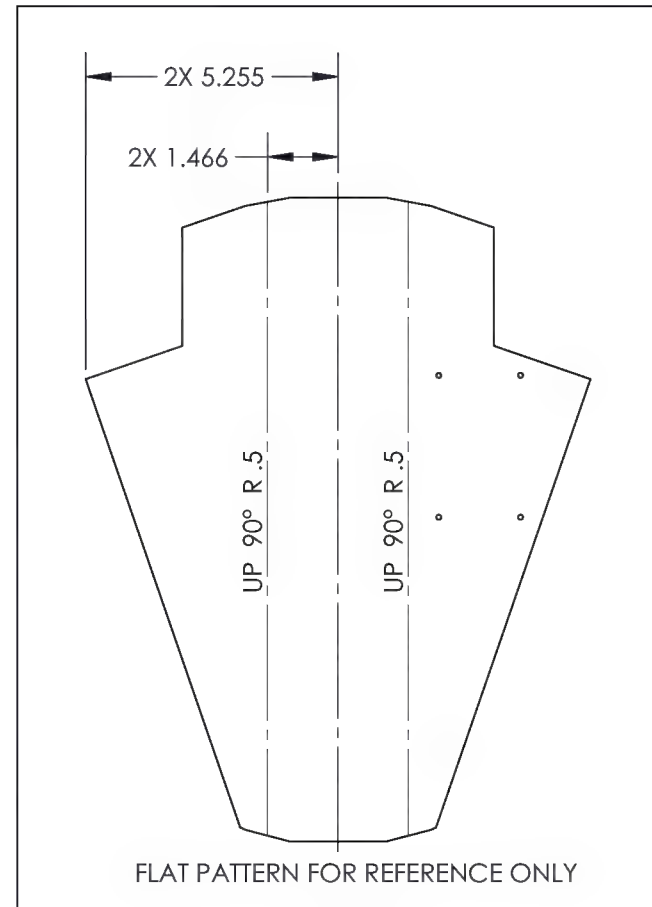
RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-27	REV 2
MAT'L 1018 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -11 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 18 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



-29
SUPPORT

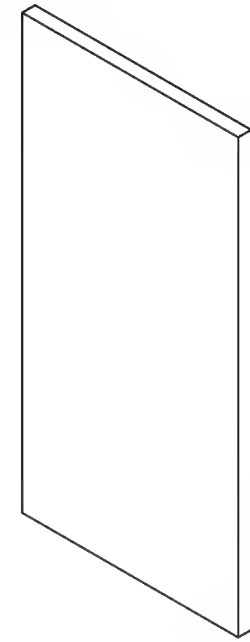
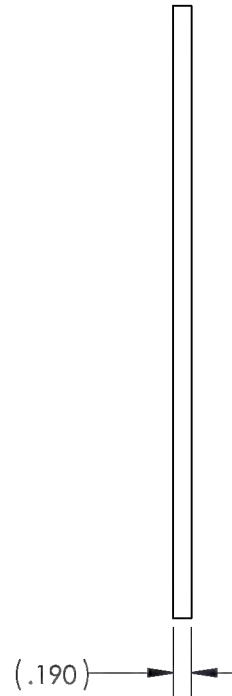
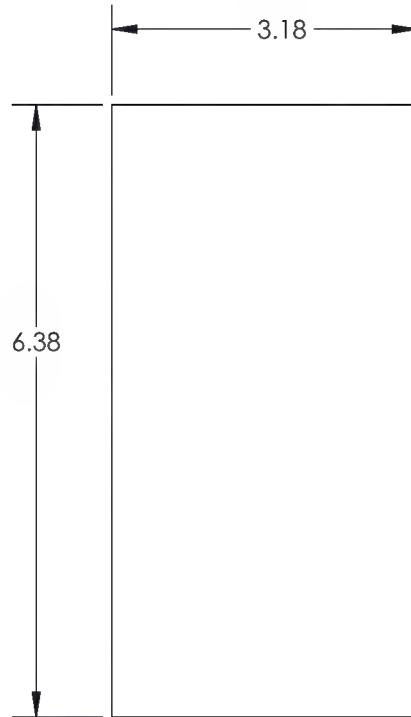


NOTE:
REF: BELL 209-782-028-37.

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-29	REV 2
MAT'L A36 P&O	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SEE -11 WELDMENT SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:4	DATE 2/21/2013
SHEET 19 OF 54	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



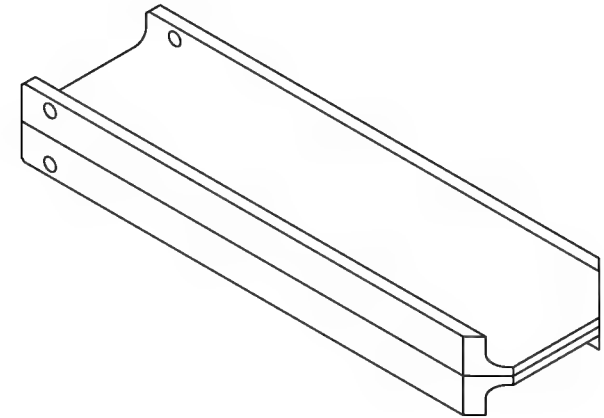
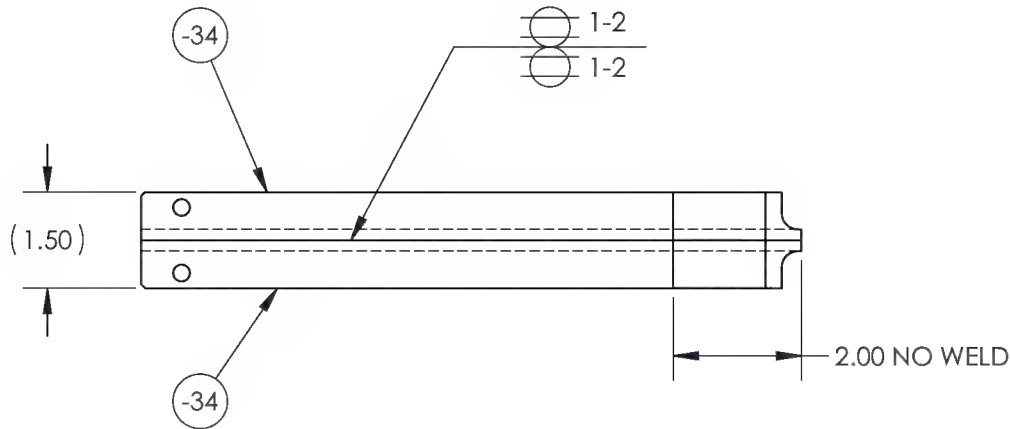
NOTE
REF: BELL T/N 209-782-028-39.

(-31)
STIFFENER

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-31	REV 2
MAT'L 1018 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE -11 WELDMENT SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/19/2013 SHEET 20 OF 54


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED-33 FROM BEAM TO CHANNEL	7/29/2013	JAG	



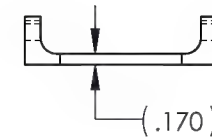
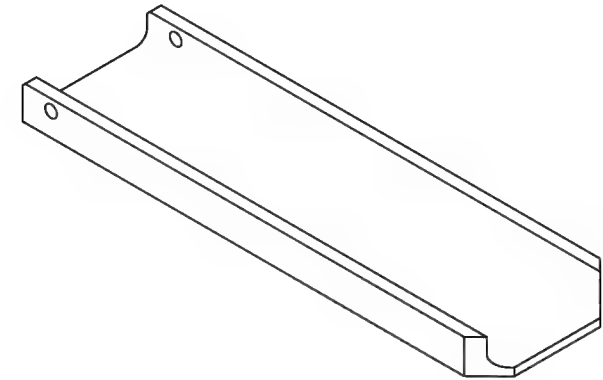
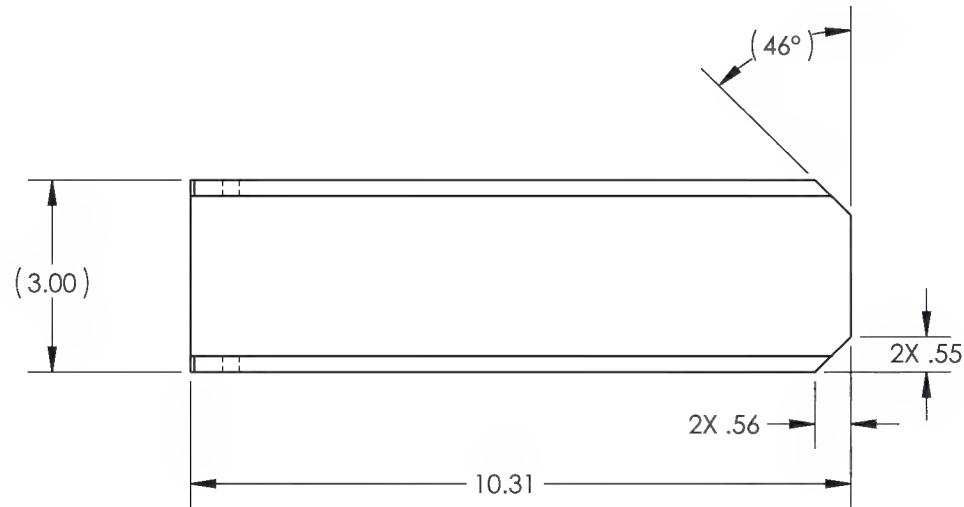
NOTE
REF: BELL T/N 209-782-028-43.

(-33)
SUPPORT WELDMENT

 RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-33	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
USED ON MODEL BELL 204, 205, 212, 214	
SCALE 1:3	DATE 7/26/2013
SHEET 21 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED -33 FROM BEAM TO CHANNEL, HOLE FROM Ø.281 TO Ø.261	7/29/2013	JAG	DW



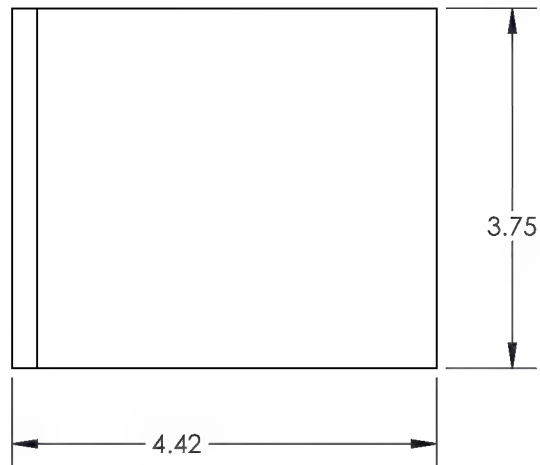
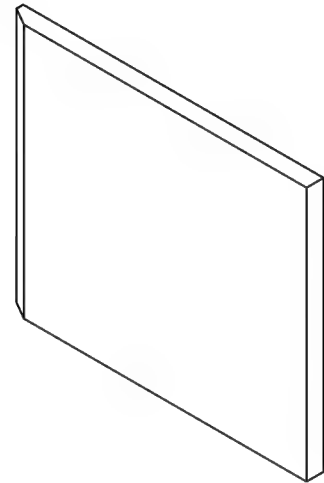
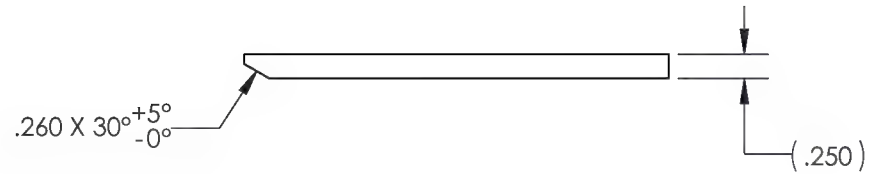
(-34)

SUPPORT

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-34	REV 2
MAT'L STEEL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:3	DATE 7/26/2013
SHEET 22 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



(-35)


STIFFENER

NOTE
REF: BELL T/N 209-782-028-49.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-35	REV 2
MAT'L 1018 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -11 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 23 OF 54	

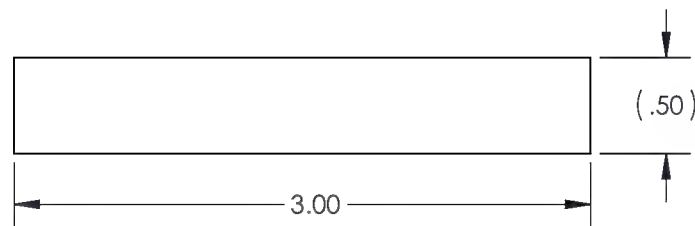
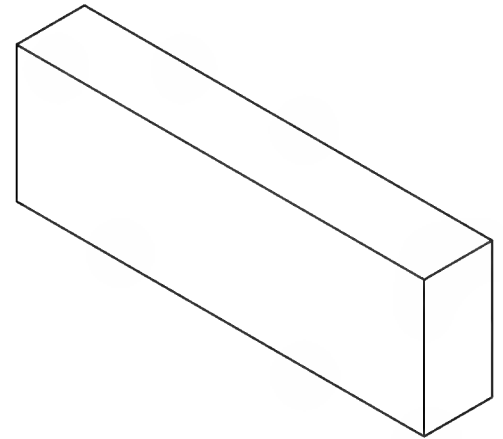
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



 <h1>RED BARN MACHINE</h1>	
TITLE <h2>CRADLE SET-SUPPORT, MAIN ROTOR BLADE</h2>	
DWG NO. <h3>RB T101623-37</h3>	REV <h3>2</h3>
MAT'L <div> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± .5° .X ± .1 </div> 1. BREAK ALL SHARP EDGES .015 x .45" OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DRAWN BY: MARPET APPROVED <i>D Weill</i> HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:4	DATE 2/25/2013
SHEET 24 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-39)

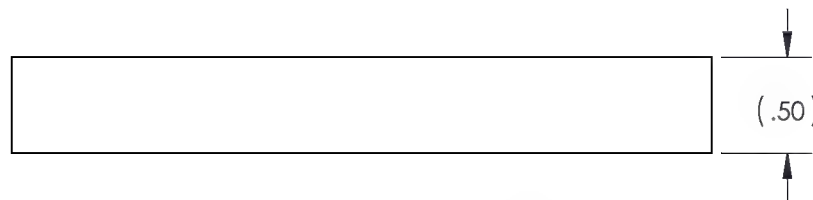
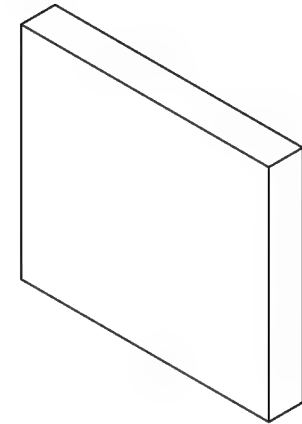
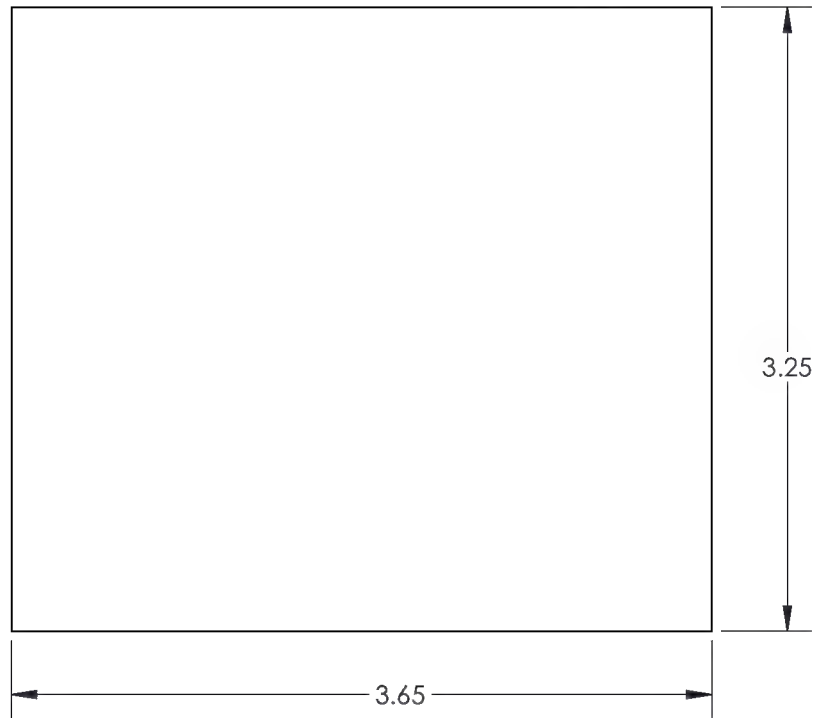
PAD

NOTE
REF: BELL T/N 209-782-028-65.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-39	REV 2
MAT'L NEOPRENE RUBBER, BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:1	DATE 2/20/2013 SHEET 25 OF 54

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



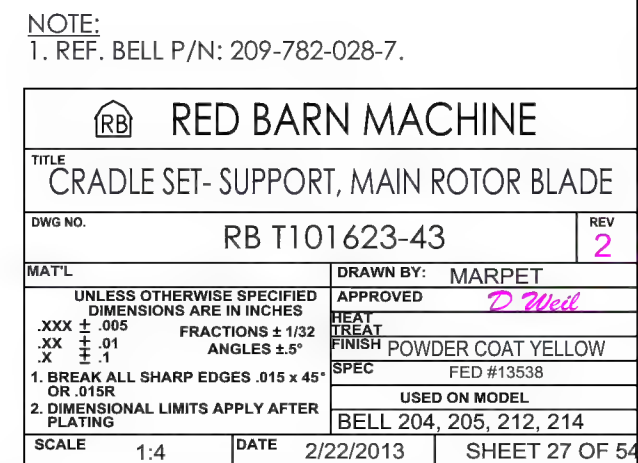
(-41)

PAD

NOTE
REF: BELL T/N 209-782-028-67.

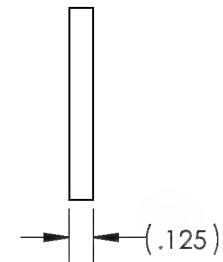
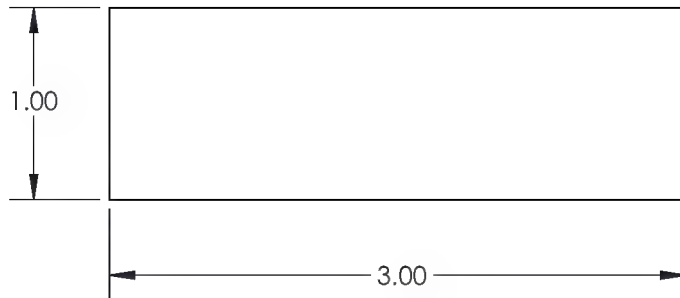
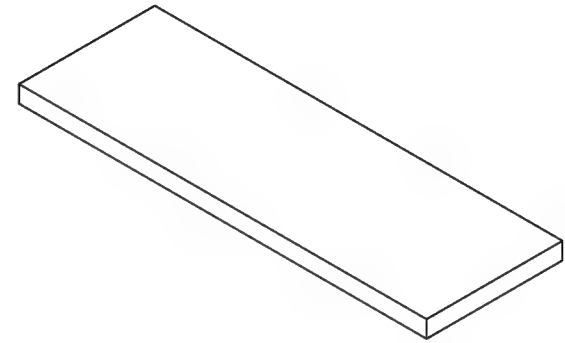
 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-41	REV 2
MAT'L NEOPRENE RUBBER, BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
USED ON MODEL BELL 204, 205, 212, 214	
SCALE 1:1	DATE 2/20/2013
SHEET 26 OF 54	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED




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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



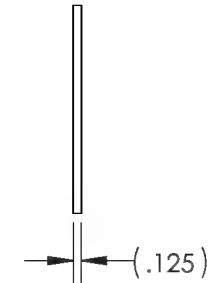
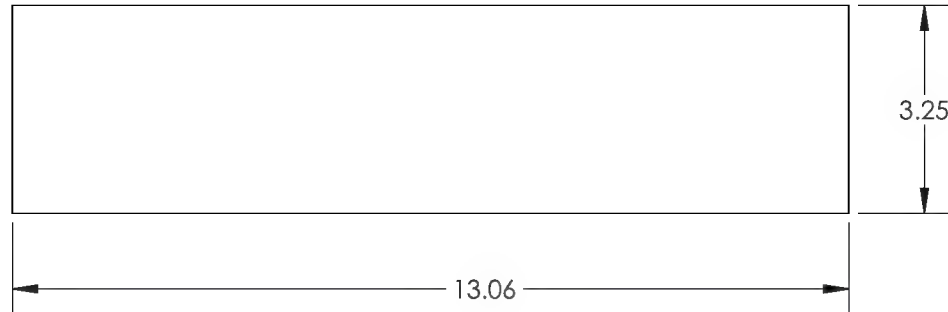
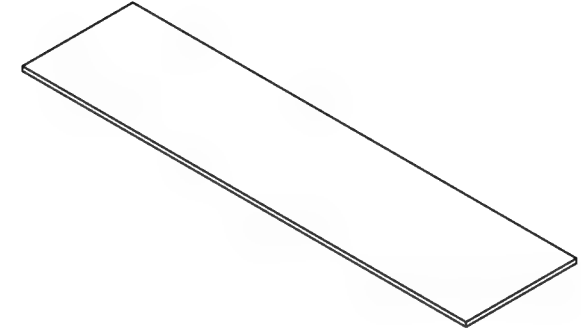
NOTE
REF: BELL T/N 209-782-028-13.

(-45)
SUPPORT

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-45	REV 2
MAT'L A36 P & O	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE -43 WELDMENT
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:1	DATE 2/20/2013 SHEET 28 OF 54


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



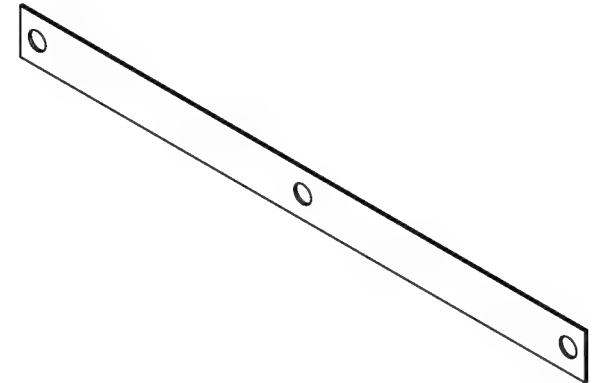
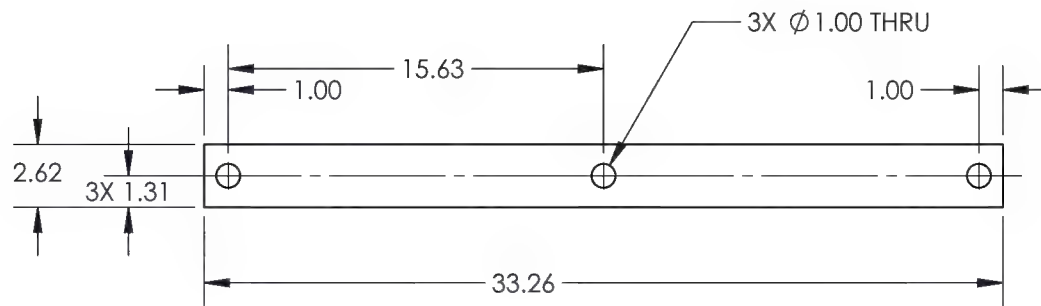
NOTE
REF: BELL T/N 209-782-028-15.

(-47)
CLOSURE

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-47	REV 2
MAT'L A36 P&O	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE -43 WELDMENT SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:3	DATE 2/22/2013 SHEET 29 OF 54



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CH'D DIMENSION FROM 15.60 TO 15.63 TO MAKE SYMMETRICAL	7/29/2013	JAG	



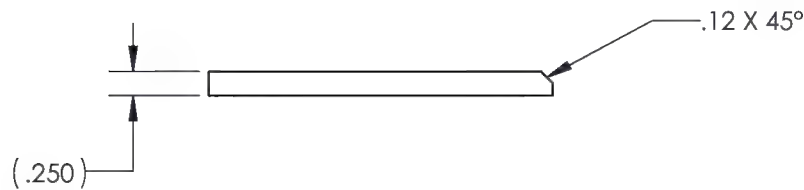
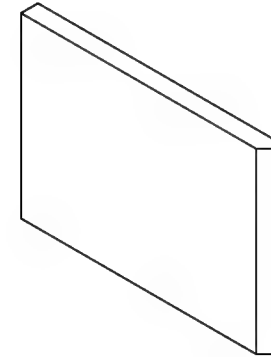
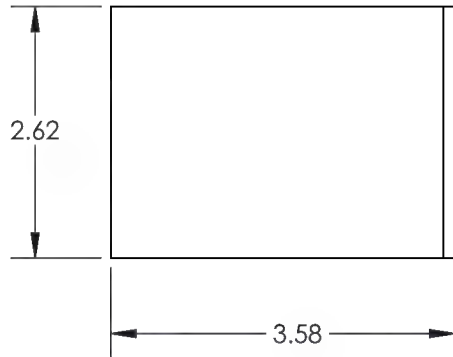
NOTE
REF: BELL T/N 209-782-028-19.

(-49)
LOWER CLOSURE

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-49	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT FINISH SEE -43 WELDMENT SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:8	DATE 2/20/2013
SHEET 30 OF 54	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



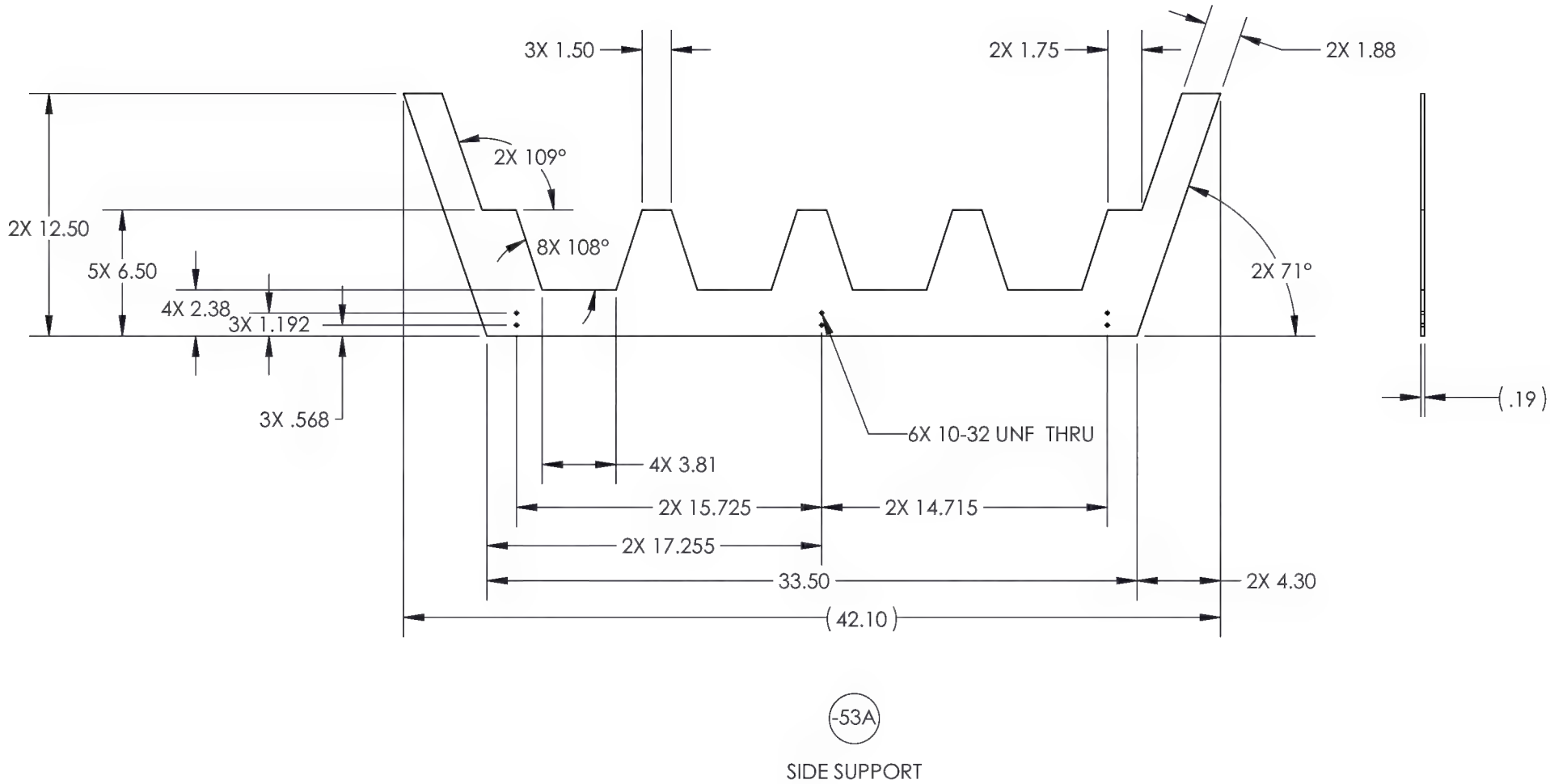
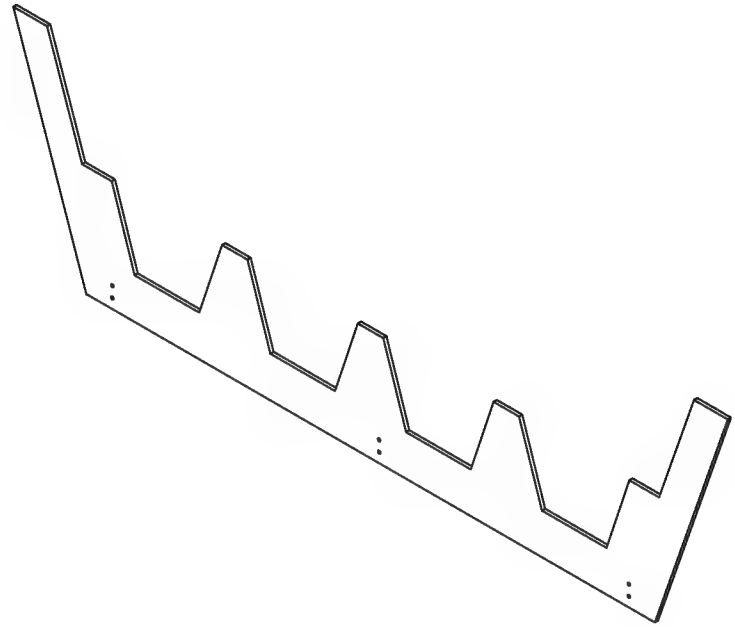
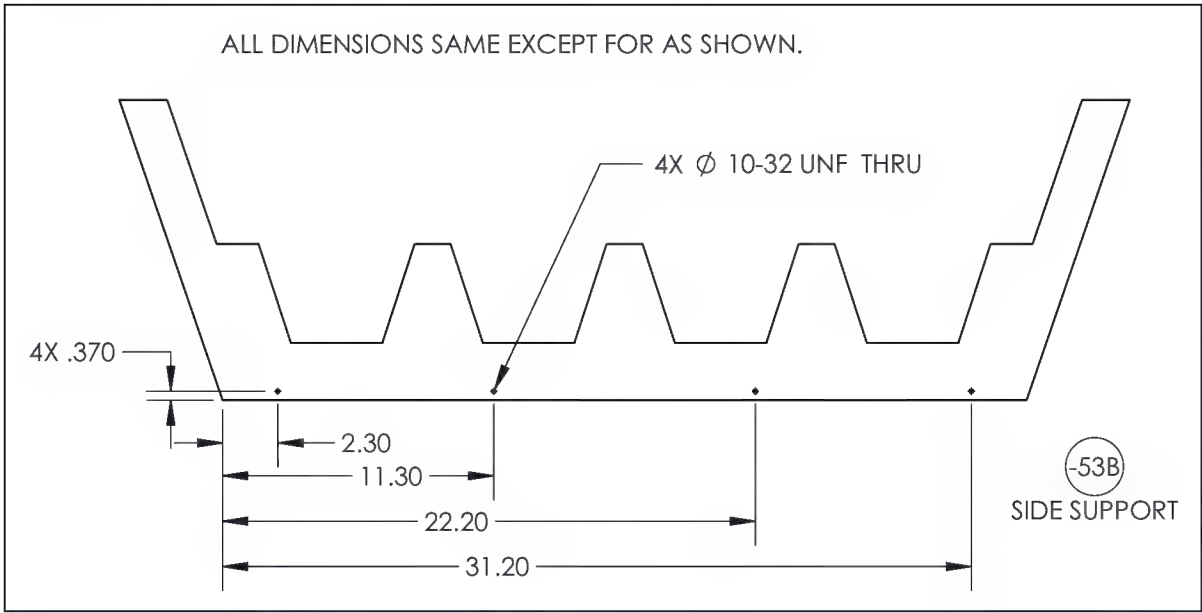
(-51)
GUSSET

NOTE
REF: BELL T/N 209-782-028-35.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-51	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH SEE -43 WELDMENT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/21/2013
SHEET 31 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

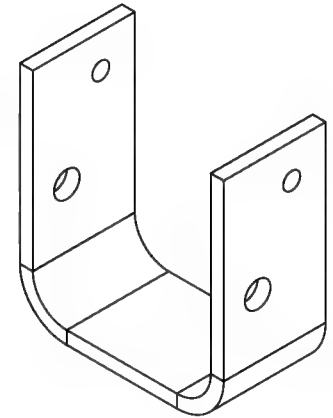
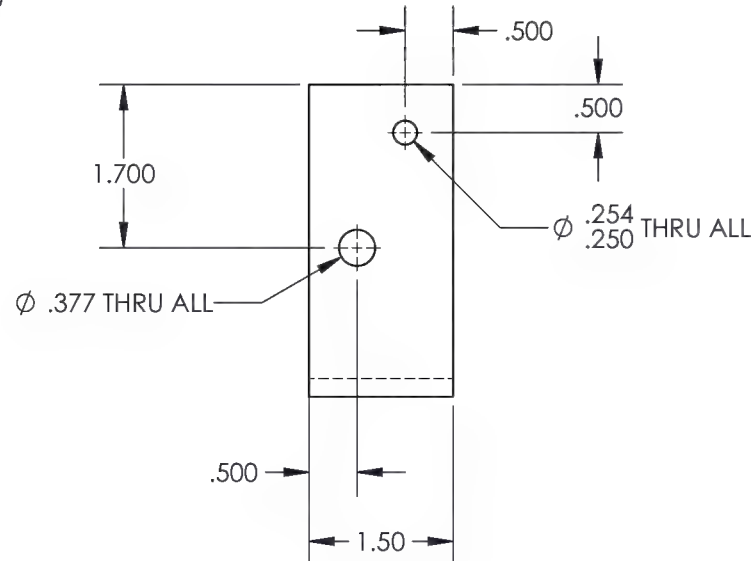
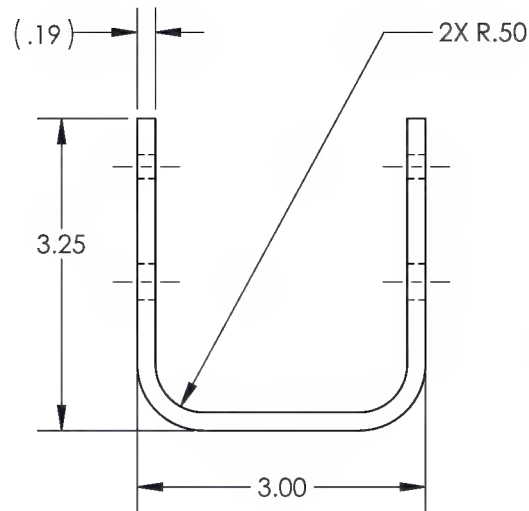


NOTE
REF: BELL T/N 209-782-028-41.

RED BARN MACHINE			
TITLE		CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO.		RB T101623-53A & B	REV 2
MAT'L A36 P&O		DRAWN BY: MARPET	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		FRACTIONS ± 1/32	
.XX ± .01		ANGLES ± .5°	
.X ± .1		FINISH SEE -43 WELDMENT	
1. BREAK ALL SHARP EDGES .015 x 45°		SPEC	
OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 204, 205, 212, 214	
SCALE	1:8	DATE	2/20/2013
		SHEET 32 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-55 ADDED Ø .377 AND Ø .250-.254 HOLES AND NOTE 2 TO BE DRILLED AFTER BENDING.	4/29/2013	BIM	GE



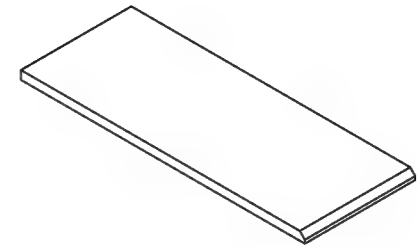
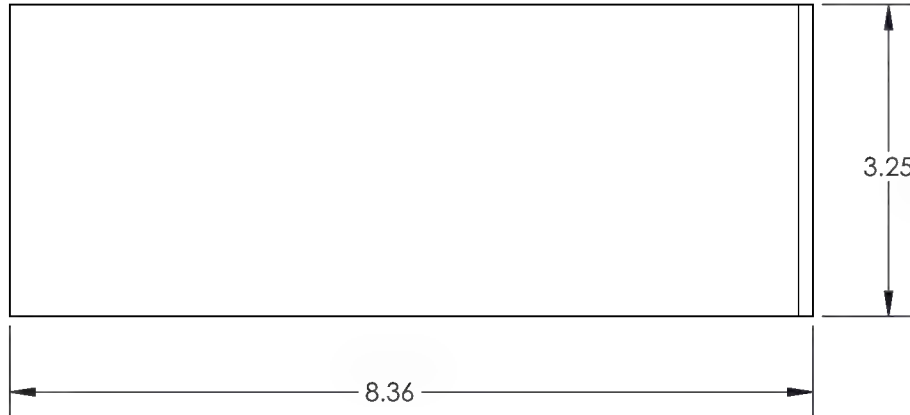
(-55)
SUPPORT

- NOTE:
1. REF. BELL P/N 209-782-028-45.
2. ALL HOLES TO BE DRILLED AFTER BENDING.

RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-55	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -43 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/19/2013 SHEET 33 OF 54



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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



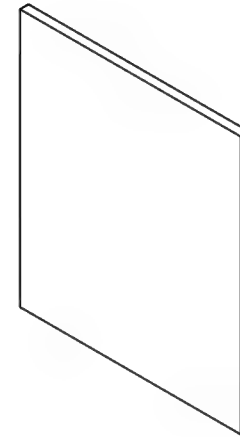
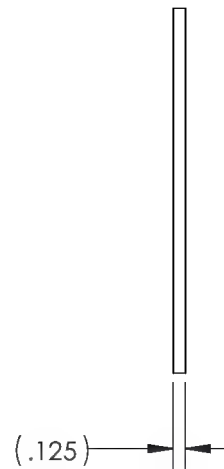
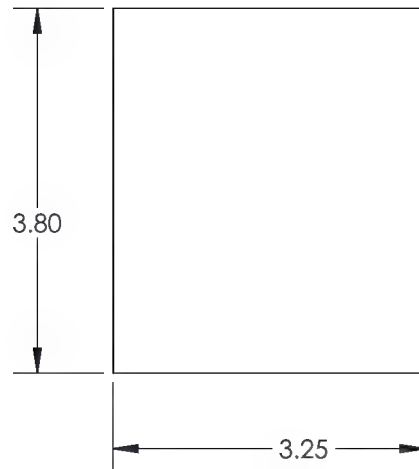
(-57)
STIFFENER

NOTE
REF: BELL T/N 209-782-028-47.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-57	REV 2
MAT'L A36 P&O	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT SEE -43 WELDMENT FINISH SEE -43 WELDMENT SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/22/2013
SHEET 34 OF 54	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



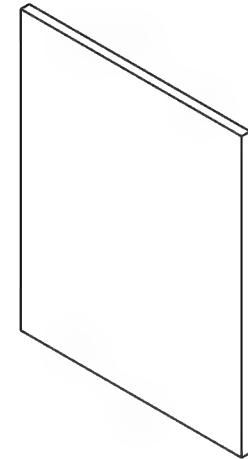
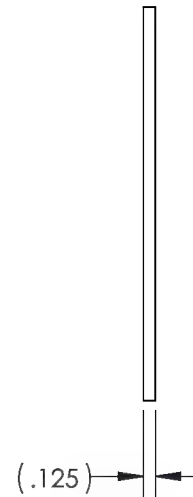
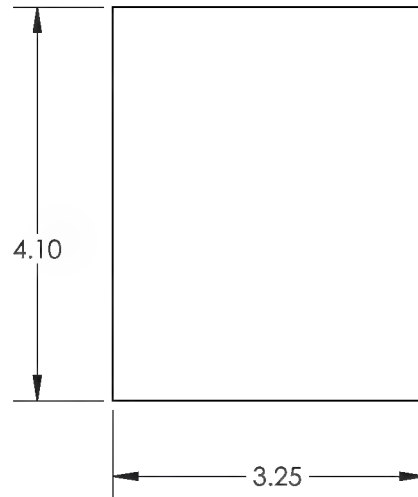
(-59)
STIFFENER

NOTE
REF: BELL T/N 209-782-028-51.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-59	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH SEE -43 WELDMENT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 2/20/2013
SHEET 35 OF 54	



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



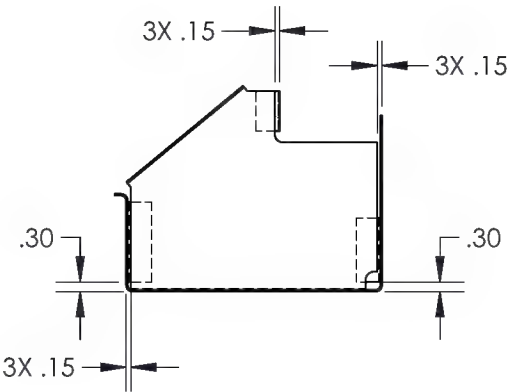
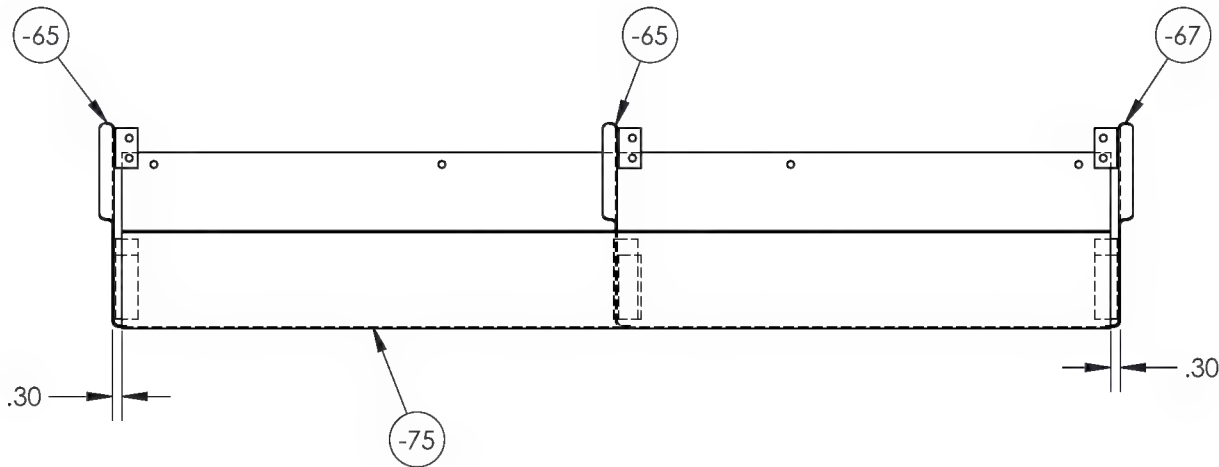
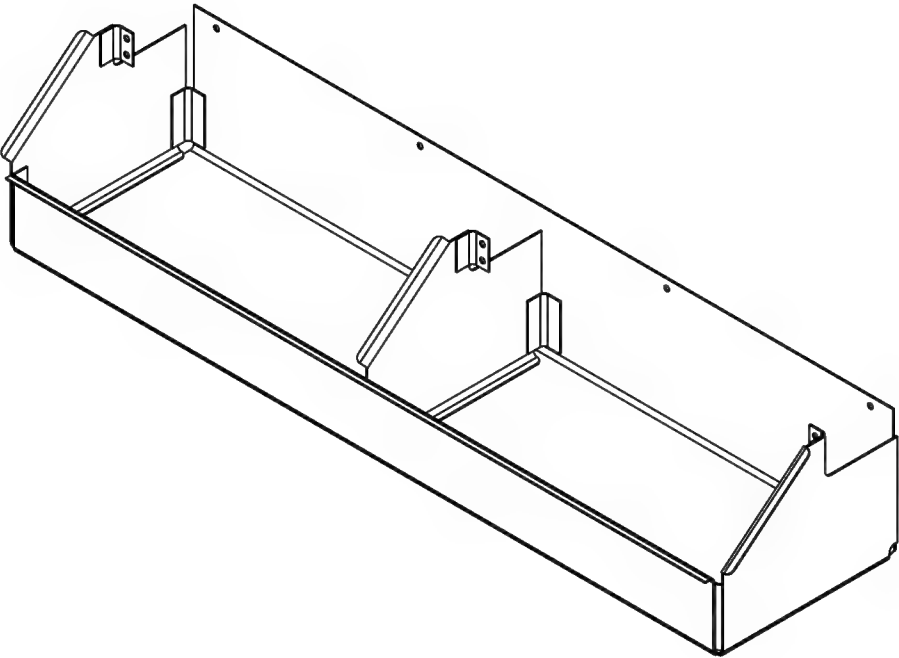
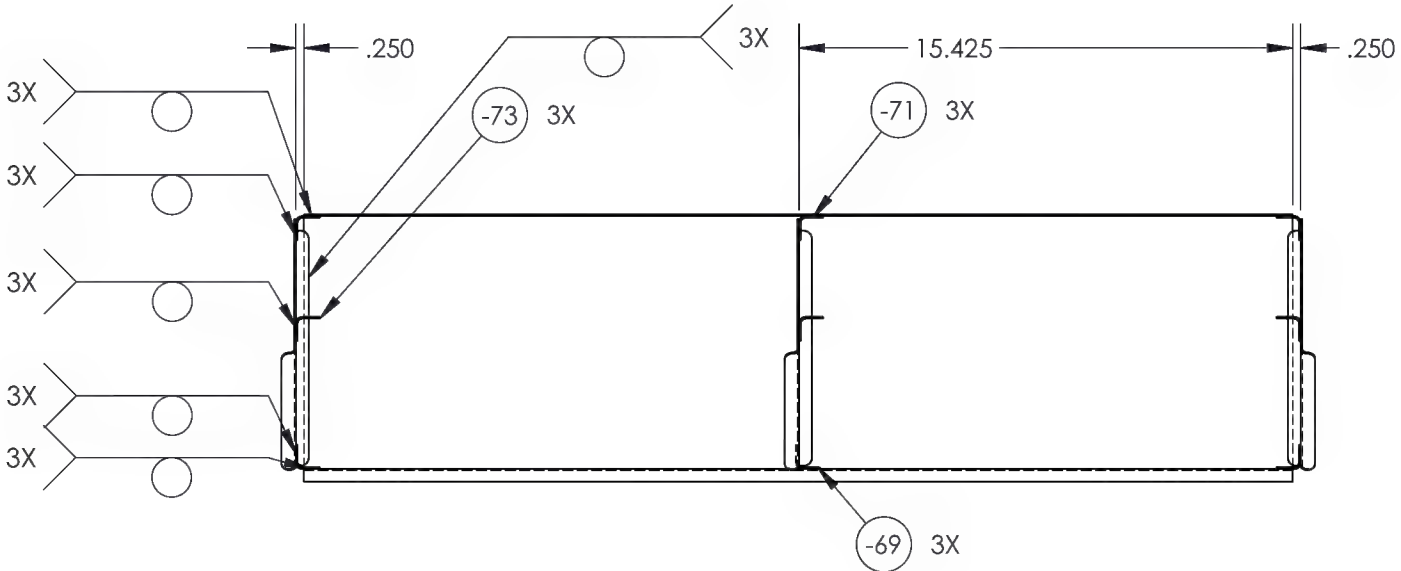
NOTE
REF: BELL T/N 209-782-028-53.

(-61)
STIFFENER

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-61	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SEE -43 WELDMENT SPEC
SCALE 1:2	DATE 2/20/2013
SHEET 36 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



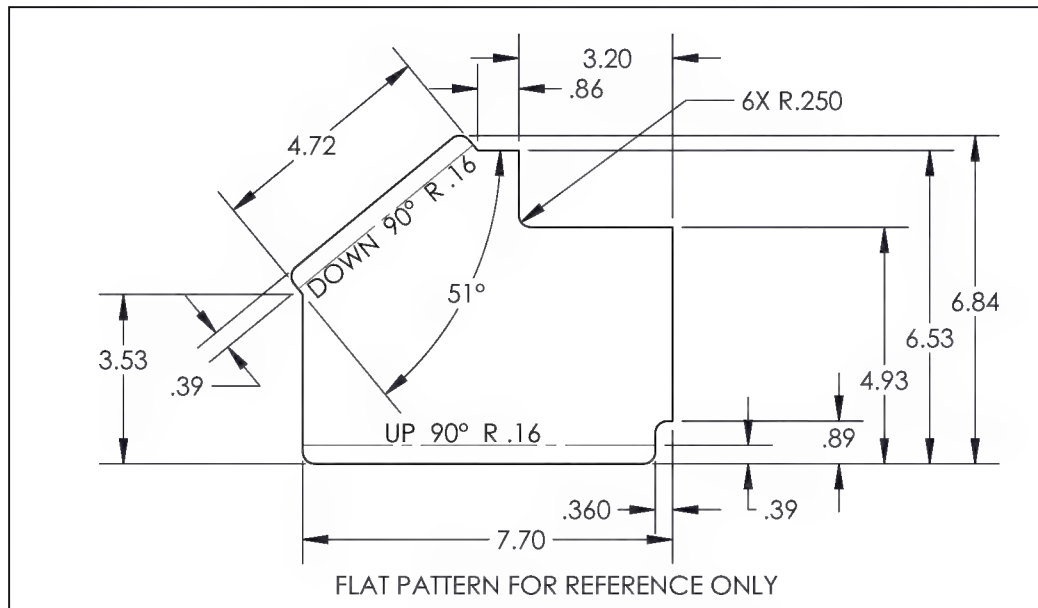
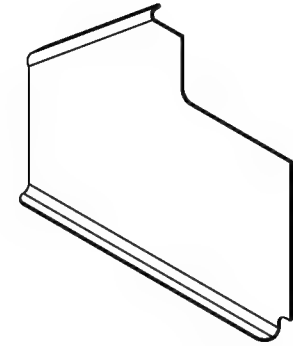
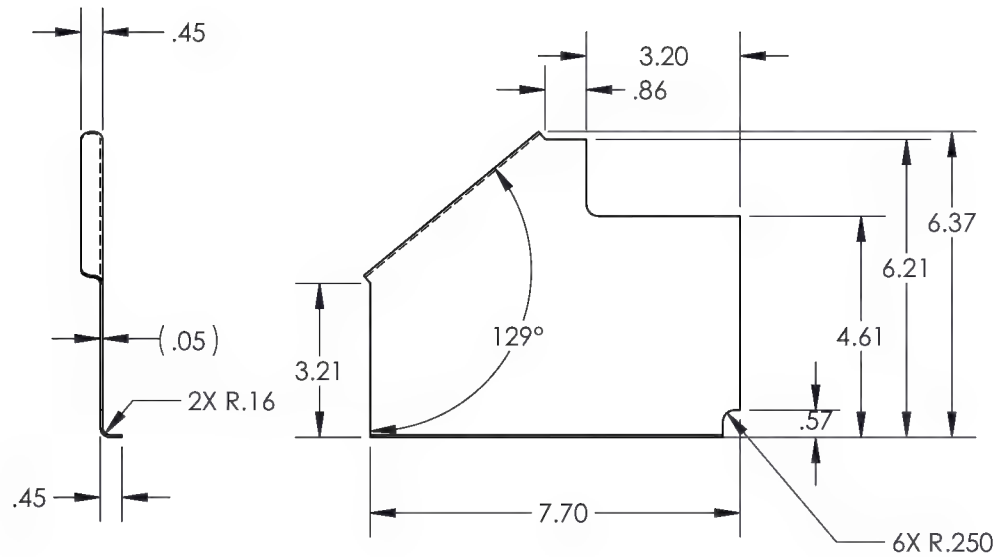
NOTE:
1. REF. BELL P/N 209-782-028-11.
2. FABRICATOR TO FORM AND SPOT WELD AS REQUIRED, MAY OMIT -69, -71, -73 CLIPS TO ACHIEVE FORM DEFINED BY DIMENSIONS.

-63
STRAP STOWAGE ASSY.

RED BARN MACHINE			
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE			
DWG NO. RB T101623-63			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: MARPET APPROVED <i>D Weil</i> HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL BELL 204, 205, 212, 214	
SCALE 1:6	DATE 2/22/2013	SHEET 37 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-65)

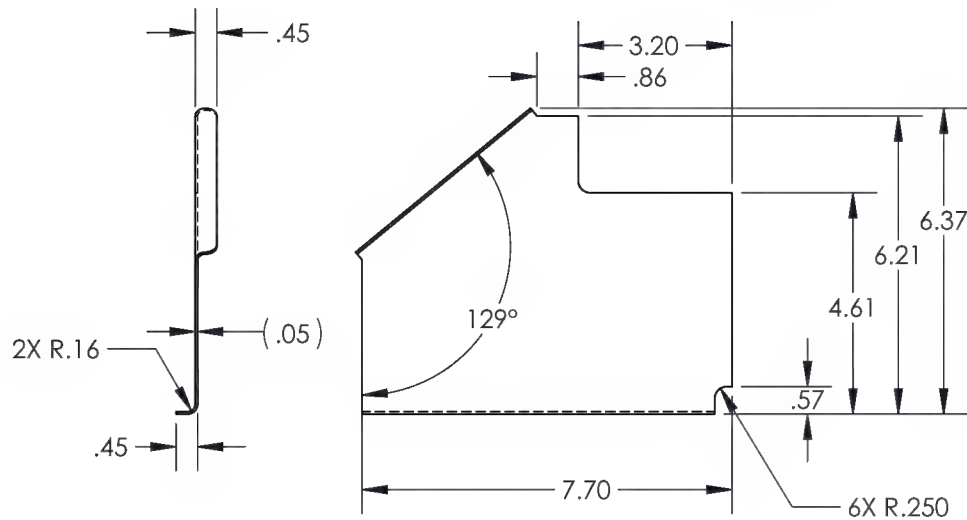
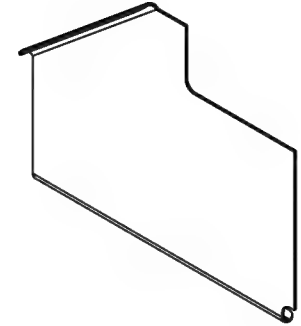
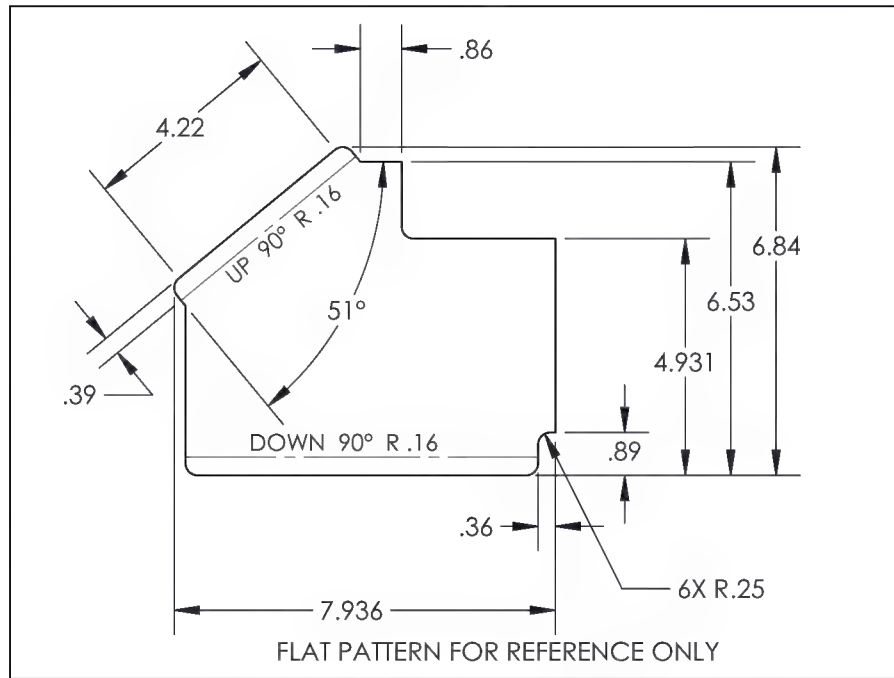
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NOTE:
REF. BELL P/N 209-782-028-69.

RED BARN MACHINE			
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE			
DWG NO.	RB T101623-65		REV 2
MAT'L A36 P&O	DRAWN BY: MARPET		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005	FRACTIONS ± 1/32	HEAT TREAT	
.XX ± .01	ANGLES ± 5°	FINISH SEE -63 WELDMENT	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 204, 205, 212, 214	
SCALE 1:4	DATE 3/1/2013	SHEET 38 OF 54	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



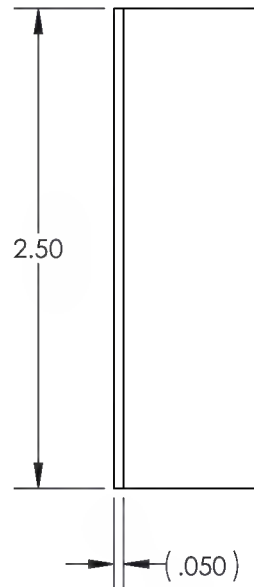
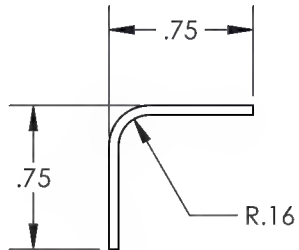
-67
FRAME

NOTE
REF: BELL T/N 209-782-028-70.

RED BARN MACHINE			
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE			
DWG NO. RB T101623-67			REV 2
MAT'L A36 P&O		DRAWN BY: MARPET	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH SEE -63 WELDMENT	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 204,205,212,214	
SCALE 1:4	DATE 2/19/2013	SHEET 39 OF 54	

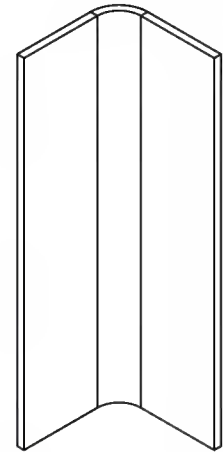
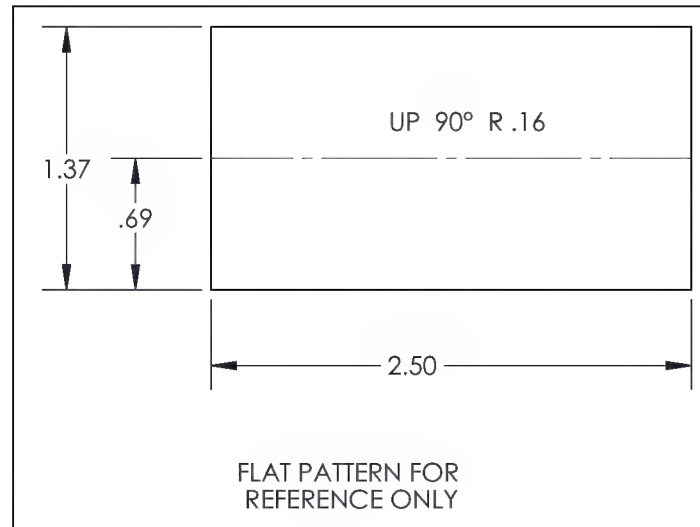
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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED




(-69)

CLIP

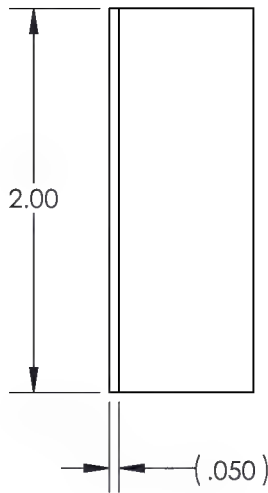
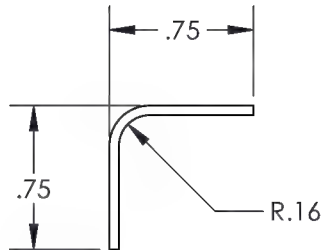


NOTE
REF: BELL T/N 209-782-028-71.

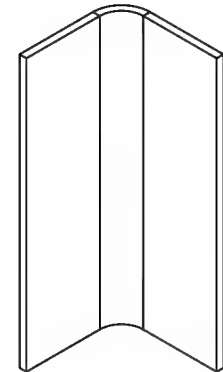
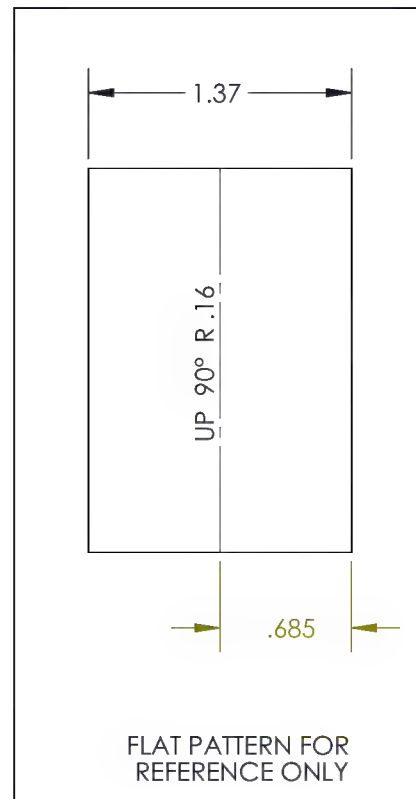
 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-69	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -63 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:1	DATE 2/19/2013
SHEET 40 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-71)
CLIP

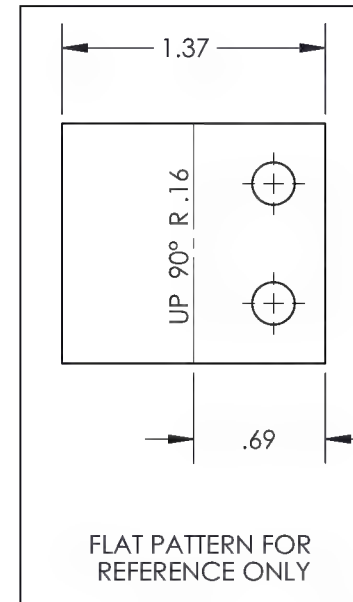
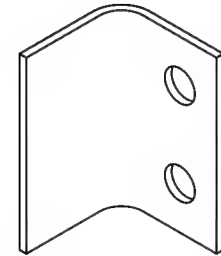
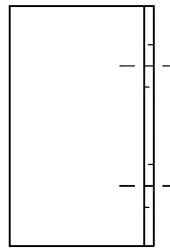
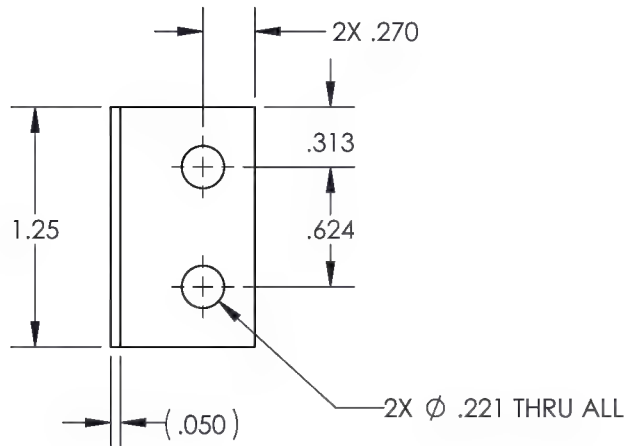
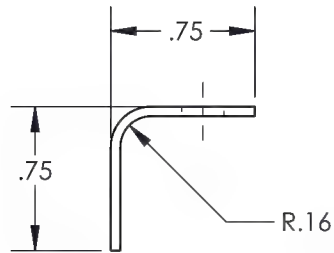


NOTE
REF: BELL T/N 209-782-028-73.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-71	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC MIL-S-18729 USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:1	DATE 2/19/2013
SHEET 41 OF 54	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED




FLAT PATTERN FOR
REFERENCE ONLY

NOTE
REF: BELL T/N 209-782-028-75.

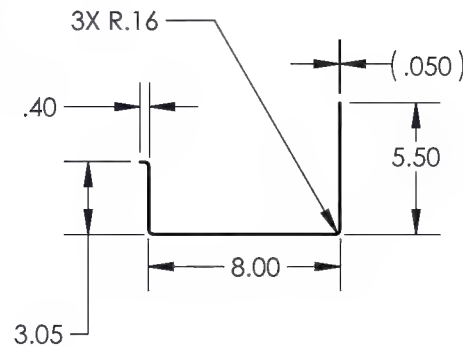
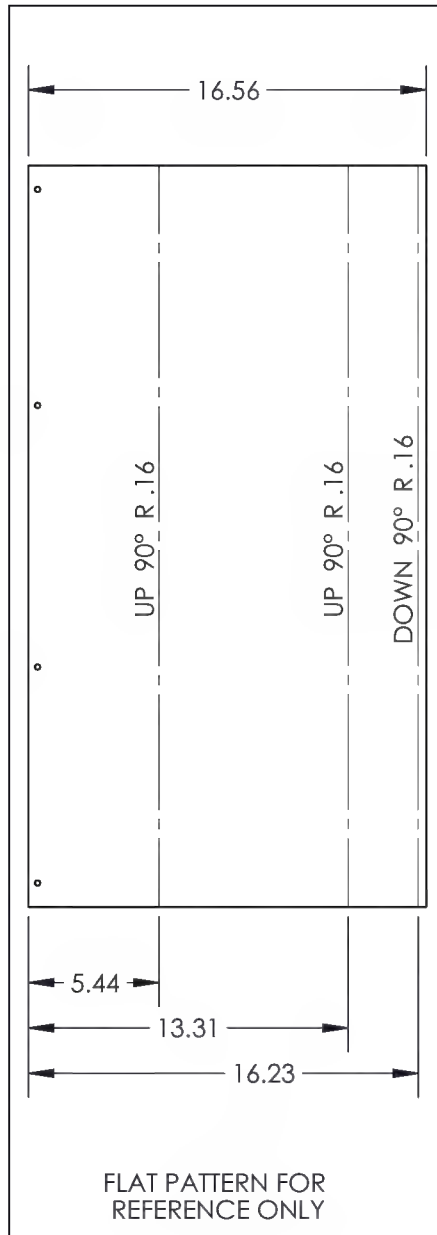
-73

CLIP

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-73	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -63 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:1	DATE 2/19/2013
SHEET 42 OF 54	

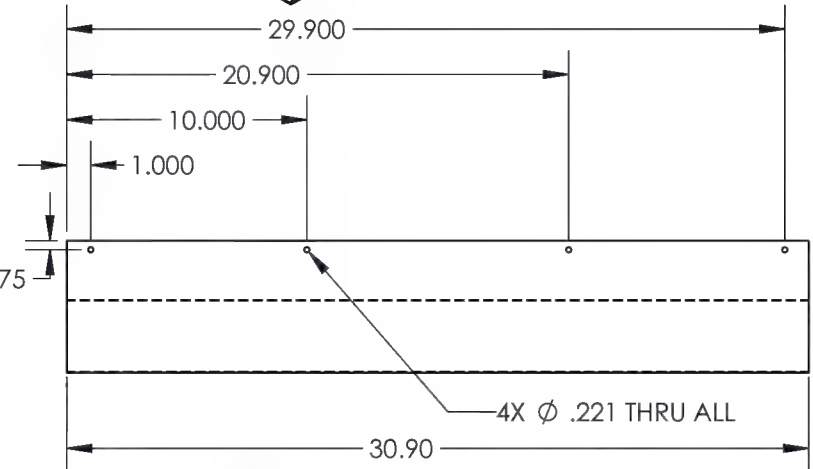
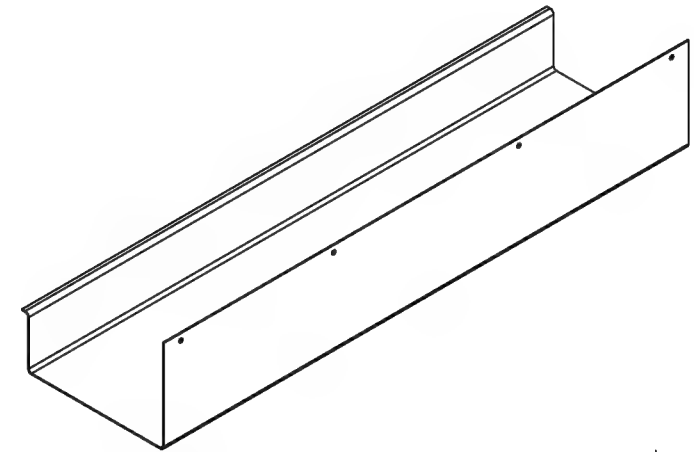
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(-75)

SKIN

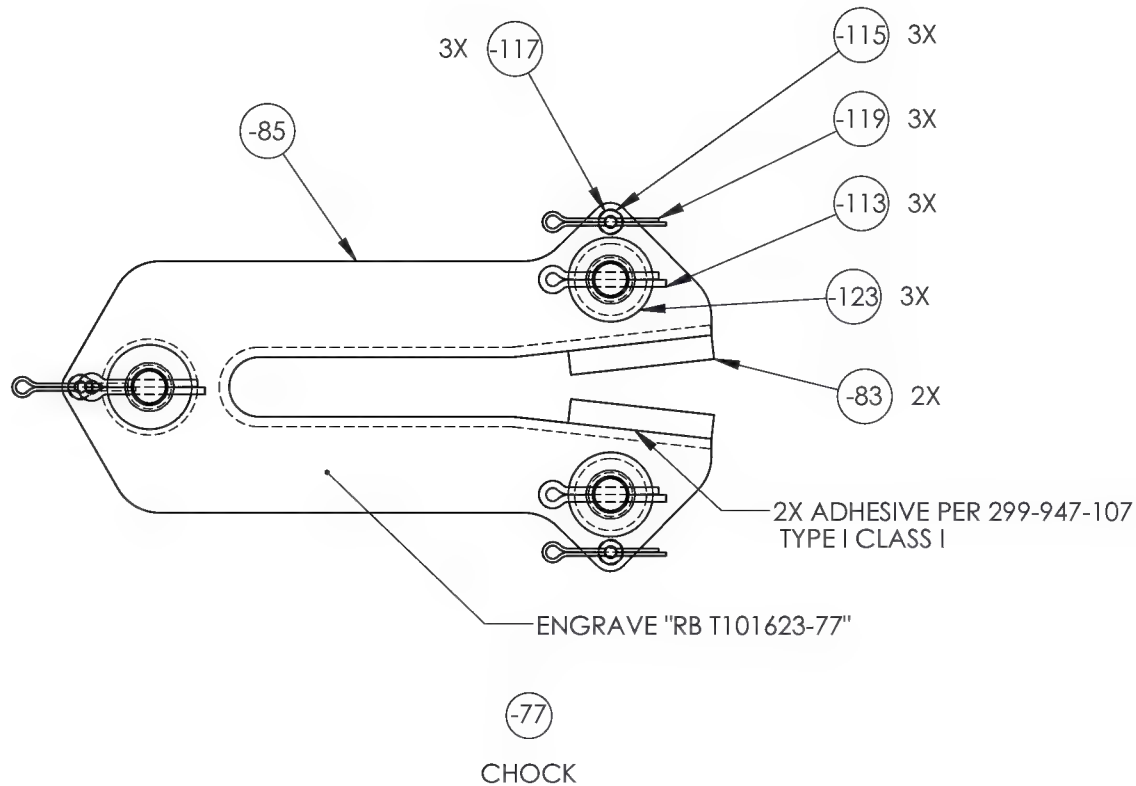
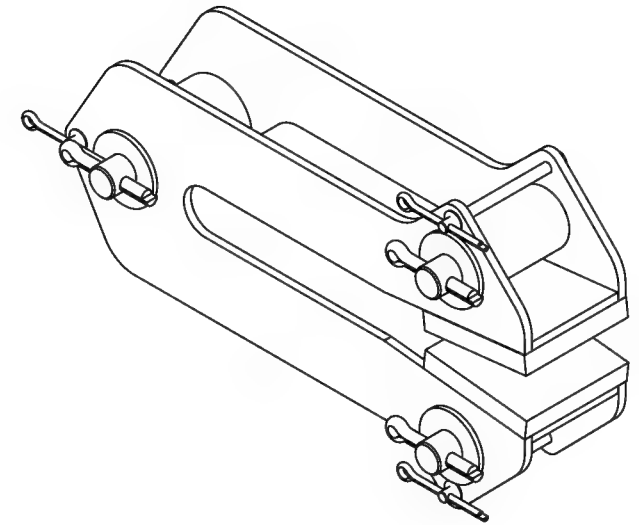
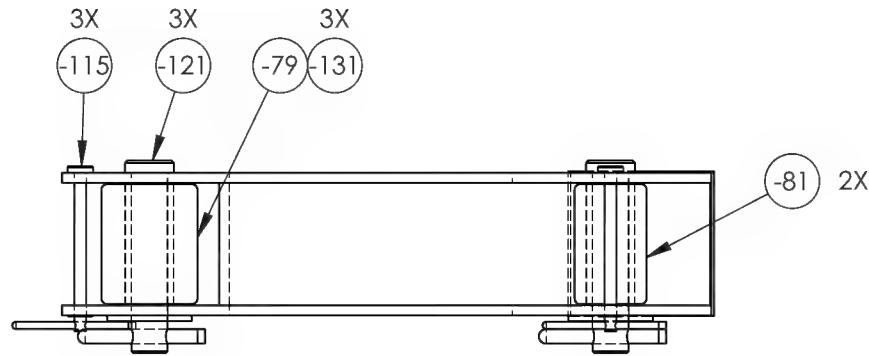


NOTE
REF: BELL T/N 209-782-028-77.

RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-75	REV 2
MAT'L A36 P&O	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -63 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:8	DATE 2/19/2013
SHEET 43 OF 54	

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REV	DESCRIPTION	DATE	INITIAL
			APPROVED



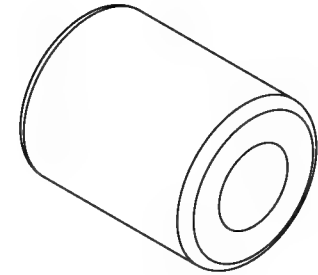
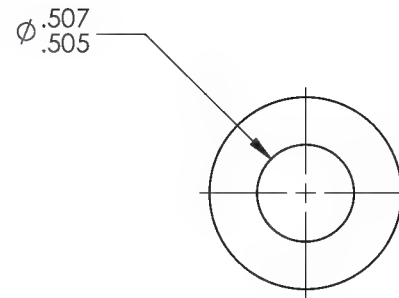
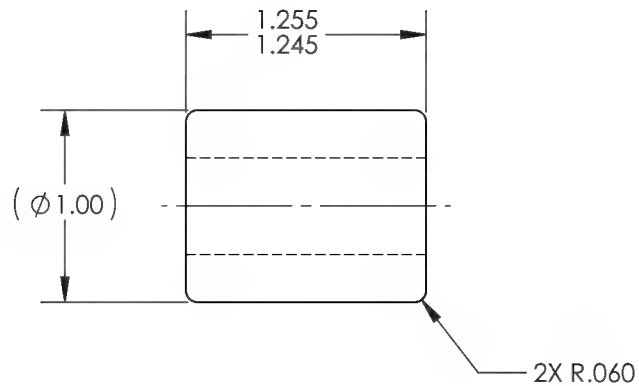
NOTE:

1. REF: BELL P/N 209-782-030.
2. HOLES IN -3 MUST BE ALIGNED FOR WELDING.

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-77	REV 2
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .03 ANGLES ± 1°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .04R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 1/24/2013
SHEET 44 OF 54	



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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



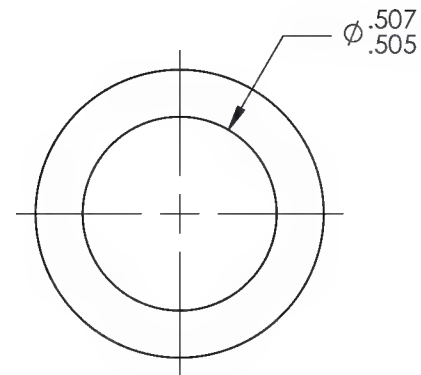
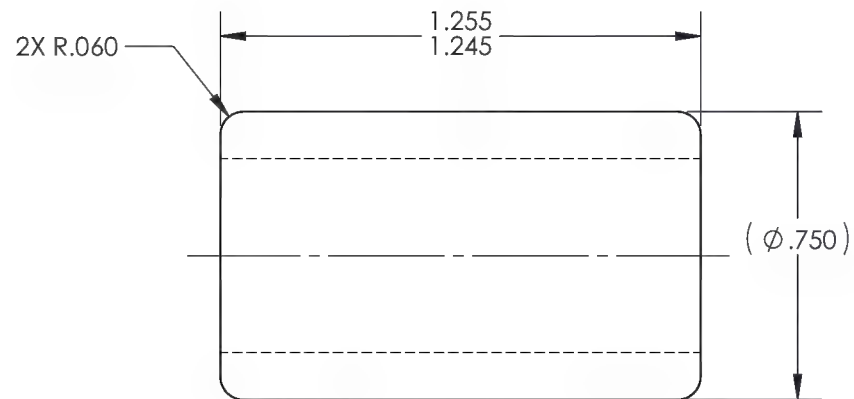
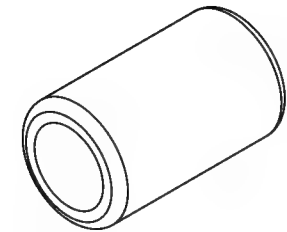
(-79)
ROLLER

NOTE
REF: BELL T/N 209-782-028-57.

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-79	REV 2
MAT'L CRES 3032	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	APPROVED 
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:1	DATE 2/20/2013
SHEET 45 OF 54	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



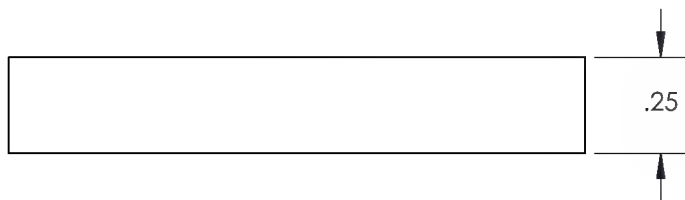
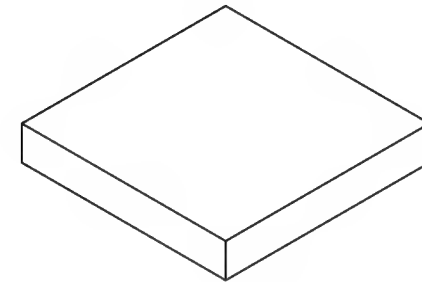
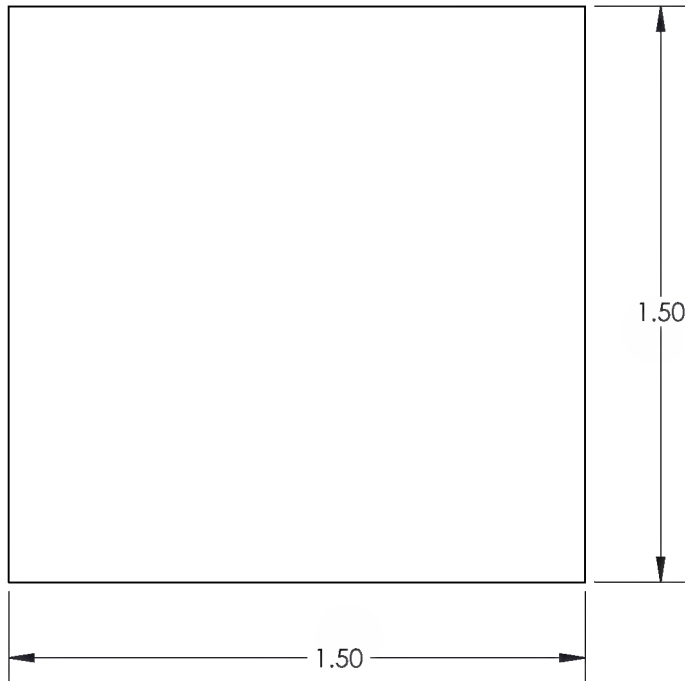
NOTE
REF: BELL T/N 209-782-028-59.

(-81)
ROLLER

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-81	REV 2
MAT'L CRES 3035	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	APPROVED <i>D Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 2:1	DATE 2/20/2013
SHEET 46 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-83)

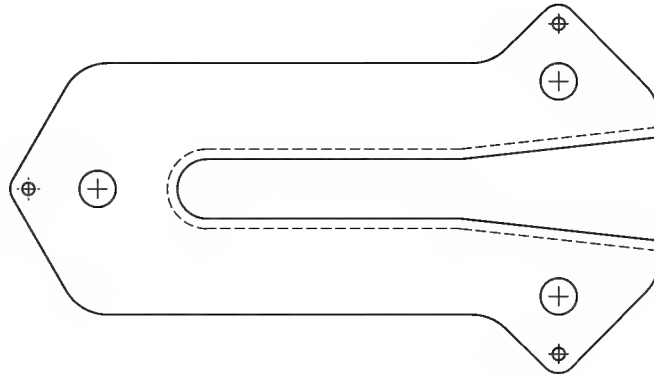
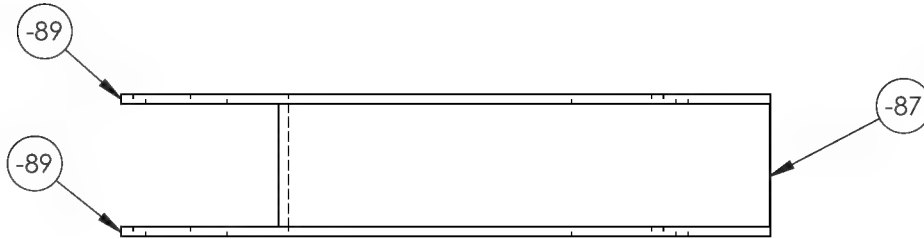
PAD

NOTE
REF: BELL T/N 209-782-028-61.

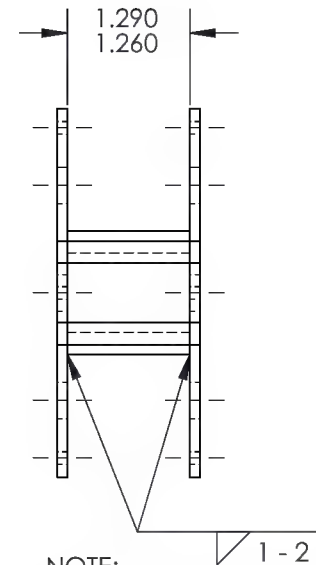
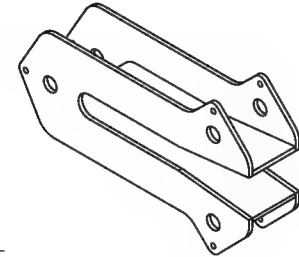
 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-83	REV 2
MAT'L POLYURETHANE, BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
USED ON MODEL BELL 204, 205, 212, 214	
SCALE 2:1	DATE 2/20/2013
SHEET 47 OF 54	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



-85
CHOCK WELDMENT

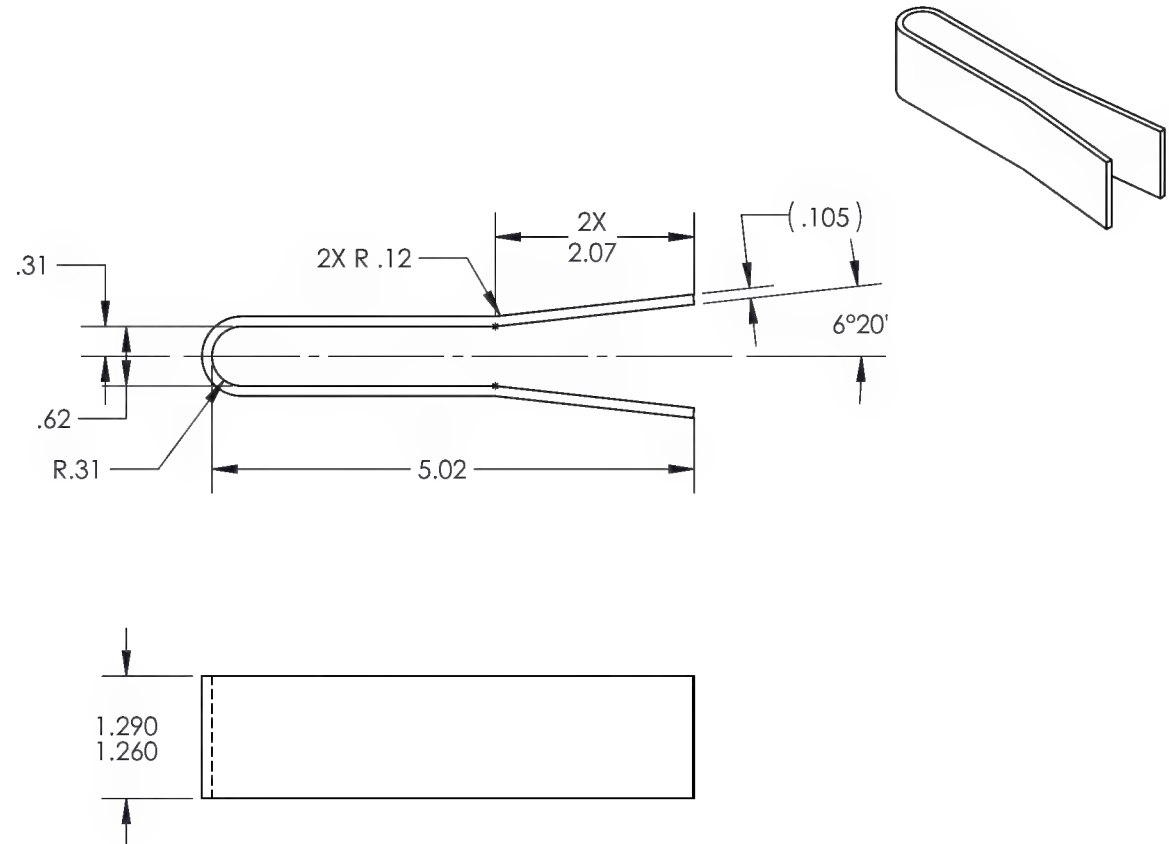
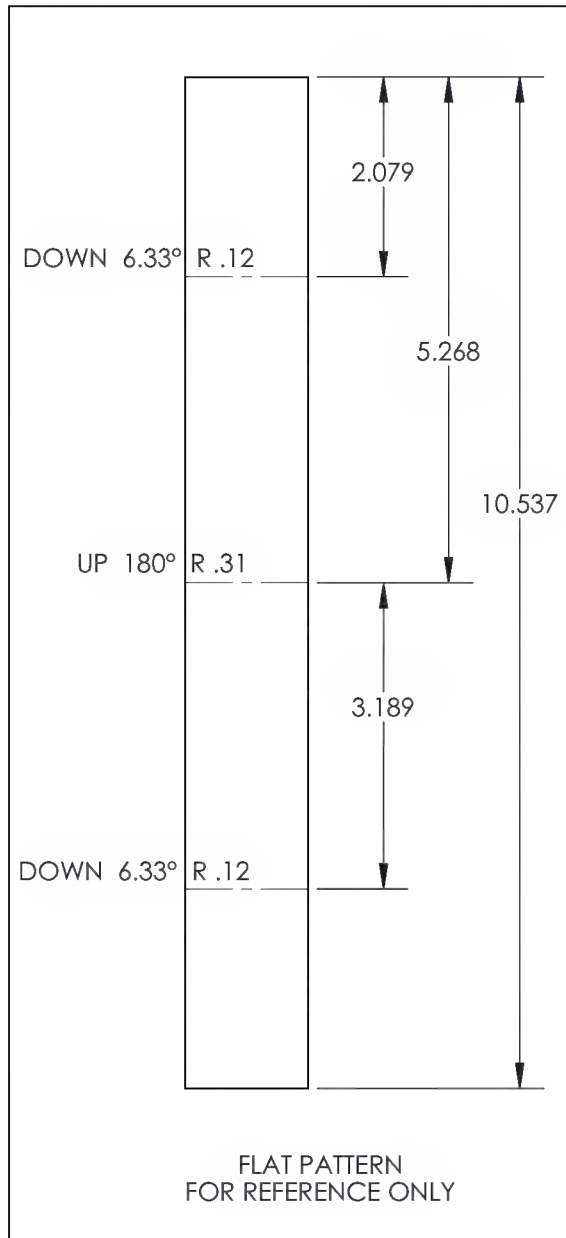


NOTE:
1. REF: BELL P/N 209-782-030.
2. HOLES IN -89 MUST BE ALIGNED FOR WELDING.

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-85	REV 2
MAT'L	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 2:1	DATE 2/27/2013 SHEET 48 OF 54

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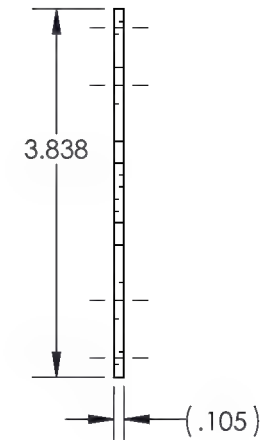
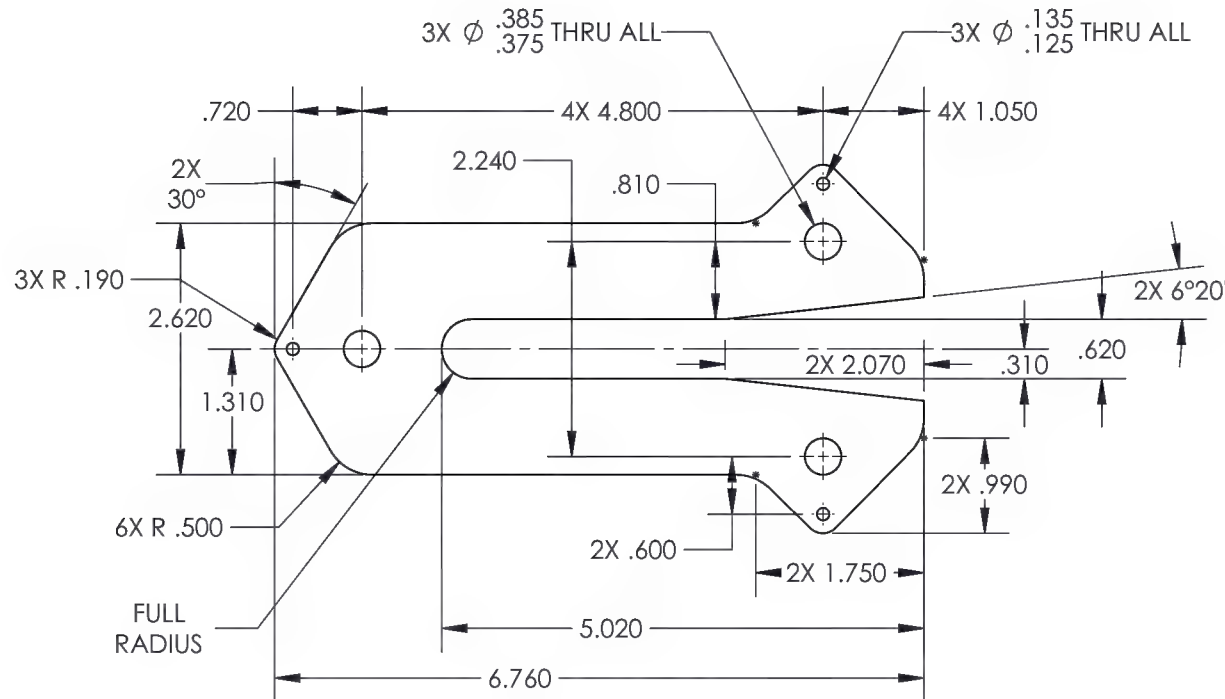
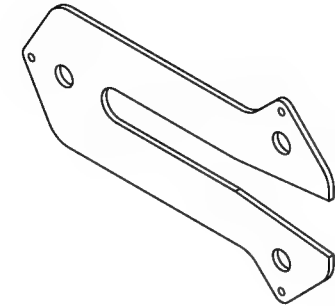
(-87)
BASE

NOTE:
REF. BELL P/N 209-782-030

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-87	REV 2
MAT'L HRP & O	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .03 ANGLES ± 1°	FINISH SEE -85 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .04R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212, 214
SCALE 1:2	DATE 1/25/2013
SHEET 49 OF 54	

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			APPROVED



NOTE:
REF: BELL P/N 209-782-030.

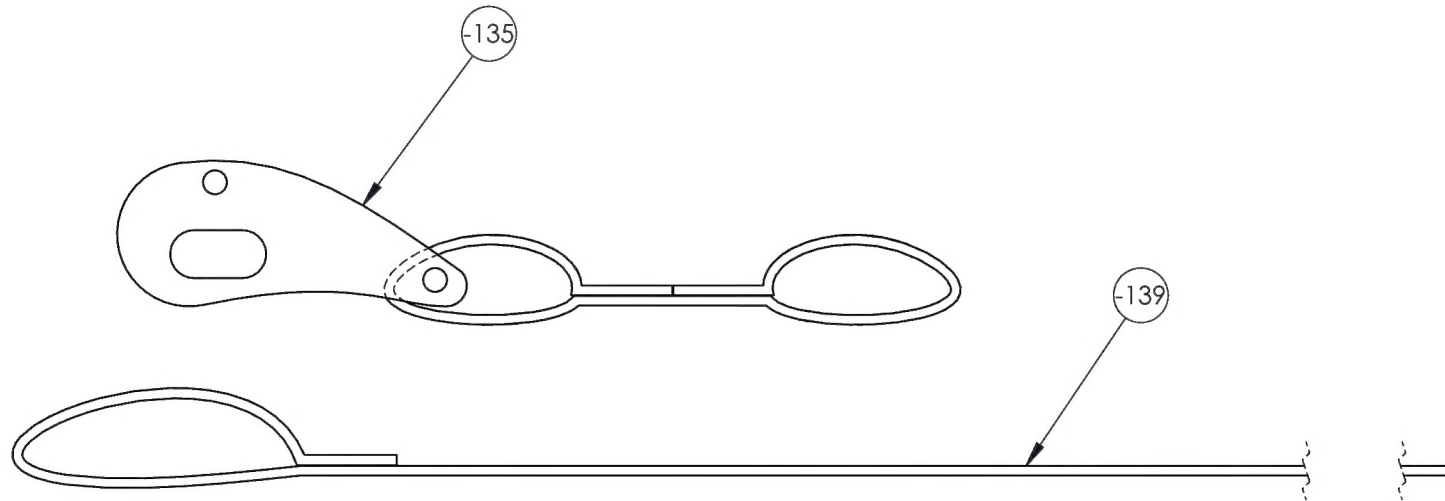
(-89)
PLATE

RED BARN MACHINE	
TITLE CRADLE SET-SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-89	REV 2
MAT'L HRP & O	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/32 .XX ± .03 ANGLES ± 1° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .04R	HEAT TREAT FINISH SEE -85 WELDMENT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC
SCALE 1:2	DATE 1/25/2013
USED ON MODEL BELL 204, 205, 212, 214	
SHEET 50 OF 54	

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REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
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-133

STRAP ASSY



RED BARN MACHINE

TITLE
CRADLE SET- SUPPORT, MAIN ROTOR BLADE

DWG NO. RB T101623-133 REV 2

MAT'L DRAWN BY: MARPET

UNLESS OTHERWISE SPECIFIED APPROVED *D Weil*

DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/32

.XX ± .01 ANGLES ± 5°

.X ± .1

1. BREAK ALL SHARP EDGES .015 x 45°

OR .015R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

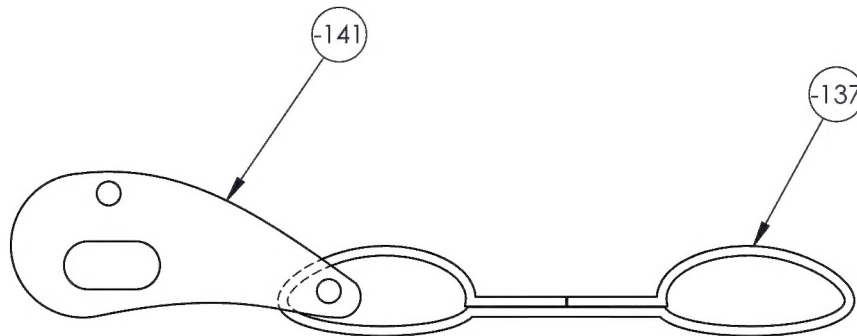
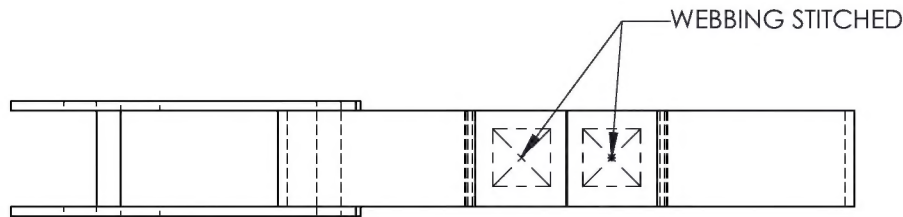
USED ON MODEL

BELL 204, 205, 212, 214


SCALE 1:2 DATE 4/25/2013 SHEET 51 OF 54

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REV	DESCRIPTION	DATE	INITIAL	APPROVED

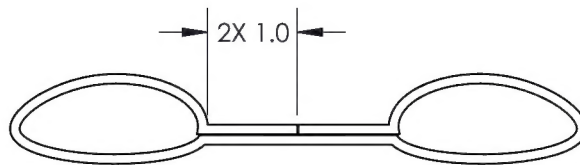
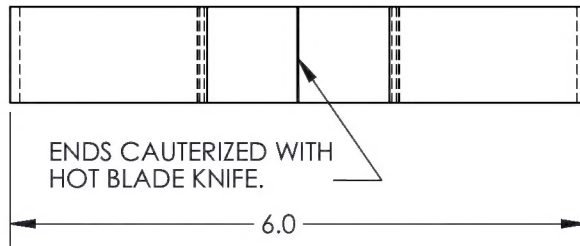


-135
BUCKLE ASSY

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-135	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: MARPET APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212, 214
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 4/25/2013
SHEET 52 OF 54	

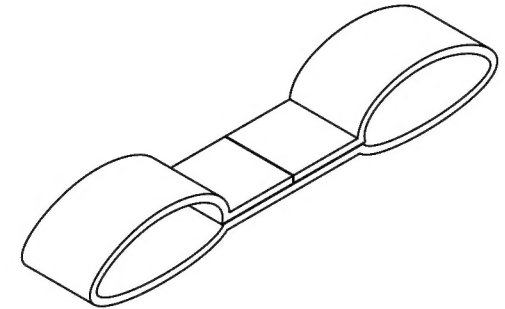
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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



(-137)

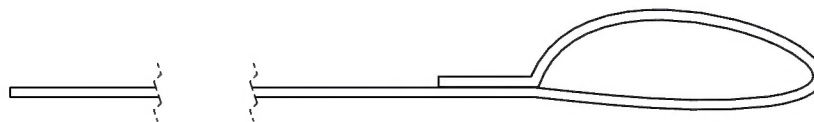
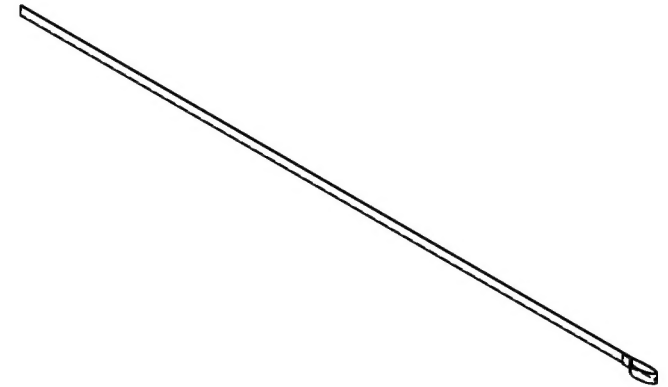
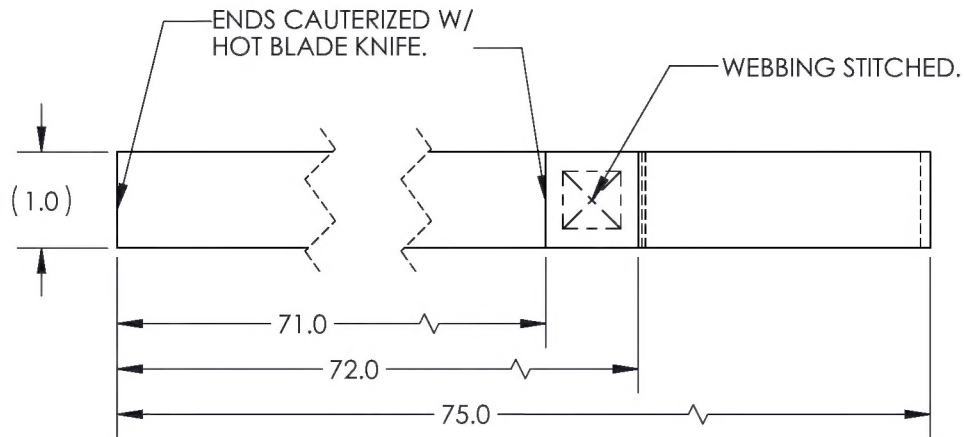
SHORT STRAP



 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-137	REV 2
MAT'L NYLON WEBBING	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED  HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 4/25/2013
SHEET 53 OF 54	



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



-139

LONG STRAP

 RED BARN MACHINE	
TITLE CRADLE SET- SUPPORT, MAIN ROTOR BLADE	
DWG NO. RB T101623-139	REV 2
MAT'L NYLON WEBBING	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212, 214
SCALE 1:2	DATE 4/25/2013
SHEET 54 OF 54	